

CURRICULUM VITAE Mario Liotti, M.D., Ph.D.**ISTRUZIONE**

1981	Universita' di Napoli, II Facolta' di Medicina Laurea in Medicina e Chirurgia, <i>con lode</i>
1985	Universita' di Parma, Facolta' di Medicina Specializzazione in Neurologia, <i>con lode</i>
1988	Universita' di Parma, Facolta' di Medicina Dottorato in Neuroscienze (con Carlo Umilta')
1989	Baycrest Hospital e Universita' di Toronto, Canada Perfezionamento in Neurologia del Comportamento
1990-1992	Universita' dell'Oregon in Eugene Borsa di studio post-laurea in Psicologia Cognitiva ed Elettrofisiologia

INDIRIZZO

Dipartimento di Psicologia dello Sviluppo e della Socializzazione
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INCARICHI:

Sett 2017 presente	Professore Ordinario di Neuroscienze Affettive e dello Sviluppo Dipartimento di Psicologia dello Sviluppo e della Socializzazione (DPSS), Universita' degli Studi di Padova
Sett 2017 presente	Professore Emerito, Dipartimento di Psicologia Simon Fraser University, Canada
Sett 2009 Ago 2017	Professore Ordinario di Neuroscienze Cognitive Dipartimento di Psicologia Simon Fraser University, Canada
Sett 2004 Ago 2009	Professore Associato di Neuroscienze Cognitive Dipartimento di Psicologia Simon Fraser University, Canada
Genn 2003- Lugl 2004	Reader di Neuroscienze Cognitive Dipartimento di Psichiatria,

	Universita' di Nottingham, GB
Mar 2001- Dic 2002	Senior Lecturer, Dipartimento di Psicologia, Universita' di Aberdeen, GB
Sett 1992 - Giu 2001	Assistant Professor (Ricercatore) Dipartimenti di Radiologia e Neurochirurgia The University of Texas Health Science Center at San Antonio, TX, USA
Ago 1989 - Ago 1992	Allievo Post-Dottorato, Associato di Ricerca Dipartimento di Psicologia Universita' dell'Oregon, Eugene, OR, USA
Lugl 1988 Lugl 1989	Allievo Post-Dottorato, Associato di Ricerca Neurologia del Comportamento, Baycrest Hospital (Mount Sinai) ed Univ. di Toronto, Canada
Genn 1988- Giu 1988	Borsista di Ricerca Lyons Club di Parma Departement de Psicophysiologie Sensorielle, Paris (France)
1985-1986	Borsista Fulbright Dipartimento di Psicologia, Universita' dell' Oregon, USA
1981-1987	Dottorando di Ricerca in Neuroscienze Istituto di Fisiologia Umana, Universita' di Parma e Dipartimento di Neurologia, Universita' di Modena

AREE DI RICERCA:

- 1) Integrazione di Misure comportamentali, elettrofisiologia cerebrale (EEG e ERP) e neuroimmagini funzionali (fMRI, TEP) nello studio delle interazioni tra emozioni e processi cognitivi in individui normali ed in pazienti con disturbi affettivi (depressione ed ansia) con un' enfasi sulle funzioni dei lobi frontali (funzioni esecutive, attenzione, regolazione del comportamento).
- 2) Sviluppo dell' attenzione e delle funzioni esecutive (come il controllo inibitorio) in bambini tipici e bambini con disturbi dell'Attenzione-Iperattivita' (ADHD).
- 3) Organizzazione normale e patologica del linguaggio.

LABORATORIO

Direttore del "Laboratory for Affective and Developmental Neuroscience" (LADN) alla Simon Fraser University, stabilito nel 2006. Al presente ospita 3 dottorandi, 2 studenti di Master, 2 studenti di Honors e 5 assistenti di ricerca.
Dal 2006, 5 assistenti di ricerca, 7 studenti di Master, 3 studenti di dottorato, ed uno

student post-doc hanno completato il loro addestramento nel mio laboratorio.

COLLABORAZIONI:

- 1) Correlati neurofisiologici e di neuroimmagini nella Depressione. Sono co-PI di un grant dei Canadian Institutes of Health Research (CIHR) che studia biomarkers di risposta a trattamenti antidepressivi (clinici, genetici, proteomici, di neuroimmagini). Lo studio coinvolge un network di otto universita' canadesi (www.canbind.ca). Partners europei possono essere aggiunti a questo network.
- 2) Correlati neurofisiologici e di neuroimmagini nel Disturbo dell'Attenzione-Iperattivita'. Ho stabilito negli anni collaborazioni con l'Universita' del Texas a San Antonio e l'Universita' di Nottingham che continuano al presente. Partner italiani possono essere aggiunti a questo network per finanziamenti europei in questa area di grande potenzialita'.
- 3) Predittori psicologici, genetici e neurofisiologici di comportamento violento tra adolescenti. Co-PI per la neurofisiologia. Progetto a larga scala finanziato dal CIHR. Iniziative simili possono essere proposte con partner europei in Italia.
- 4) Correlati neurofisiologici del controllo dell'attenzione visiva. Collaborazione con Patrick Bourke dell'universita' di Lincoln (UK). Finanziamenti europei saranno richiesti.

FONDI DI RICERCA:

Presenti:

Titolo: "Electrophysiological and Neuroimaging Correlates of the Influence of Emotion on Cognitive Processing"

Importo: CD\$ 125,000

Periodo: 06/01/14- 05/31/2019

Ruolo: Investigatore Principale

Agenzia: National Science and Engineering Research Council (NSERC)

Titolo: "Predicting antidepressant treatment response in major depressive disorder: An integrated clinical and neuroimaging approach"

Importo: CD\$ 950,000

Ruolo: Co-Investigatore Principale per il sito di Vancouver

Agenzia: Canadian Institutes of Health Research (CIHR)

Titolo: "Effectiveness of a Relational Intervention in Reducing Violence and Victimization in At-risk Adolescent Girls and Boys"

Importo: CD\$ 1,650,000

Periodo: 09/01/11-08/31/16

Ruolo: Co-Investigatore Principale per l'elettrofisiologia

Agenzia: Canadian Institutes of Health Research Institute of Gender and Health (CIHR IGH)

Anni precedenti:

Titolo: “Behavioral and Electrophysiological Correlates of the Influence of Emotion on Cognitive Processing”

Importo: CD\$ 94,680

Periodo: 06/01/08- 05/31/2013

Agenzia: NSERC, Discovery Grant, Individual

Titolo: “Imaging the Dynamics of Subjective Sadness in Depression: An fMRI study”

Importo: CD\$ 120,000

Periodo: 07/01/2007-06/30/2009

Agenzia: Hope for Depression Research Foundation (HDRF)

Titolo: “Laboratory for Affective and Developmental Neuroscience”

Importo: CD\$ 140,000

Periodo: 10/01/2005- 9/30/2010

Agenzia: British Columbia Knowledge Development Fund (BCKDF)

Titolo: “Laboratory for Affective and Developmental Neuroscience”

Importo: CD\$ 140,000

Periodo: 10/01/2005- 9/30/2010

Agenzia: Canada Foundation for Innovation (CFI)

Titolo: “Interaction of inhibitory control and reward mechanisms in Attention Deficit/Hyperactivity Disorder (ADHD)”

Importo: GBP 500,000

Periodo: 09/01/2005-08/31/2008

Agenzia: Wellcome Trust, United Kingdom

Ruolo: Co-Principal Investigator (P.I: Chris Hollis, University of Nottingham)

Titolo: “Disease-markers and mechanisms of relapse in remitted depression”

Importo: \$100,000

Periodo: 09/1/05 08/31/07

Agenzia: NARSAD 2003 Independent Investigator Award

Ruolo: Principal Investigator

Titolo: “Neuroimaging of Inhibition and Stimulant Response in ADHD”

Importo: US\$ 1,550,000

Periodo: 05/1/2002 -04/3/2005

Agenzia: National Institute of Mental Health

Subcontract P.I.: Mario Liotti

Importo Subcontract: US\$ 120,491 (3 anni)

Titolo: “Neuroimaging and genetic studies in panic and post-traumatic stress disorder”

- Importo: US\$ 10,000
Periodo: 02/1/2002 -08/1/2002
Agenzia: Grampian Primary Care NHS Trust
Ruolo: Principal Investigator
- Titolo: “Interactive effects of Mood and Cognitive Challenges on Anterior Cingulate function in Remitted Depression”
Importo: \$60,000
Periodo: 07/1/98 06/31/00
Agenzia: NARSAD 1988 Young Investigator Award
Ruolo: Principal Investigator
- Titolo: “Evoked Potentials and Inhibitory Control in Attention Deficit Disorder (ADHD)”
Importo: \$ 50,000
Periodo: 11/1/96 10/31/97
Agenzia: Morrison Trust Foundation, Friends for Psychiatric Research
Ruolo: Co-Principal Investigator
- Titolo: “Testing a model of depression: Mood challenges in Acute and Remitted Unipolar Depression”
Importo: \$ 100,000
Period: 3/1/95 2/28/98
Agenzia: DANA foundation
Ruolo: Co-Principal Investigator
- Titolo: “Functional Cerebral Organization in Visual Neglect patients: An electrophysiological and neuroanatomical study”
Importo: \$ 60,000
Periodo: 9/1/94 8/31/97
Agenzia: McDonell-Pew Foundation for Cognitive Neuroscience
Ruolo: Principal Investigator
- Titolo: “Functional Reorganization of Auditory Processing in Early Blindness”
Importo: \$8,000
Periodo: 9/1/94 8/31/95
agenzia: NIH/UTHSCSA
Ruolo: Principal Investigator

PUBBLICAZIONI

ARTICOLI: (Totale: 87. Google Scholar: 13513 citazioni, **indice h=49**. Indice i-10=72).

Profilo Google Scholar pubblico:

<https://scholar.google.ca/citations?hl=en&user=vTMHWiUAAAAJ>

Inserito nella graduatoria dei Top Italian Scientists (Via Academy: h-index>30).

Pubblicazioni ad alto impatto (Impact Factor>5): [64], PNAS USA [55,56,57],

American J Psychiatry [43,50,65], Biological Psychiatry [25,58,59,74], Neurology [42,48,49],

British J of Psychiatry [6], Psychological Medicine [12], Cerebral Cortex [35], Schizophrenia Bulletin [40], J Child Psychology Psychiatry [10,18], J Acad Child Adolesc Psychiatry [22], Cortex [46,79], Neuroimage [16], Hum Brain Mapping [60,61,71], Soc Cogn Affect Neurosci [3].

In review:

- 1) Booy M, **Liotti M**. Disposition versus Symptom Severity as Influences on Negative Affective Priming. *Cognit Emot* Manuscript ID: CEM-BA 03.16, 07-Mar-2016.
- 2) Wang H, Kleffner K, Carolan PL, **Liotti M**. Spatiotemporal dynamics of the implicit processing of acquired reward or punishment value. *J Cognit Affect Neurosci*, in review, Manuscript ID: CABN-RA-16-086, Apr 10th 2016.

Publicati:

- 1) Lam RW, Milev R, Rotzinger S, Andreazza AC, Blier P, Brenner C, Daskalakis ZJ, Dharsee M, Downar J, Evans KR, Farzan F, Foster JA, Frey BN, Geraci J, Giacobbe P, Feilolter HE, Hall GB, Harkness KL, Hassel S, Ismail Z, Leri F, **Liotti M** et al (2016). Discovering biomarkers for antidepressant response: protocol from the Canadian biomarker integration network in depression (CAN-BIND) and clinical characteristics of the first patient cohort. *BMC Psychiatry*. 2016 Apr 16;16(1):105. doi: 10.1186/s12888-016-0785-x.
- 2) Belyk M, Pfordresher P, **Liotti M**, Brown S. (2016). The neural basis of vocal pitch imitation in humans. *J Cognit Neurosci*, 2016 Apr;28(4):621-35. doi: 10.1162/jocn_a_00914. Epub 2015 Dec 22. (Impact factor: 4.09)
- 3) Carlson RW, Aknin LB, **Liotti M**. (2015). When is giving an impulse? An ERP investigation of intuitive prosocial behavior. *Soc Cogn Affect Neurosci*, 2015 Jun 17. pii: nsv077. [Epub ahead of print] Impact factor: 7.37)
- 4) Asmaro D, McColeman C, Lake C, Burnett A, **Liotti M**. (2015). Behavioral and electrophysiological responses to smoking-related words in a Smoking Stroop task discriminate between relapse and abstinence following a one-month quit attempt. *J Alcohol Drug Depend*, 3:206. doi: 10.4172/2329-6488.1000206.
- 5) Asmaro D, **Liotti M**. (2014). High-caloric and chocolate stimuli processing in healthy humans: an integration of functional imaging and electrophysiological findings. *Nutrients*, 6(1):319-41.
- 6) Nixon NL, Liddle PF, Nixon E, Worwood G, **Liotti M**, Palaniyappan L. (2014). Biological vulnerability to depression: linked structural and functional brain network findings. *Br J Psychiatry*, 204:283-9. Impact factor: 7.99)
- 7) Asmaro D, Carolan PL, **Liotti M**. (2014). Electrophysiological evidence of early attentional bias to drug-related pictures in chronic cannabis users. *Addict Behav*, 39(1):114-21. Impact factor: 2.76)
- 8) Carolan PL, Jaspers-Fayer F, Asmaro DT, Douglas KS, **Liotti M**. (2014). Electrophysiology of blunted emotional bias in psychopathic personality. *Psychophysiology*, 51(1):36-41. Impact factor: 2.99)
- 9) Bourke P, Brown S, Ngan E, **Liotti M**. (2014). Functional brain organization of preparatory attentional control in visual search. *Brain Res*, 1530:32-43. Impact factor: 2.84)
- 10) Groom MJ, Liddle EB, Scerif G, Liddle PF, Batty MJ, **Liotti M**, Hollis CP. (2013). Motivational incentives and methylphenidate enhance electrophysiological correlates of error monitoring in children with attention deficit/hyperactivity

- disorder. *J Child Psychol Psychiatry*, 54(8):836-45. Impact factor: 6.46)
- 11) Nixon E, Liddle PF, Nixon NL, **Liotti M**. (2013). On the interaction between sad mood and cognitive control: The effect of induced sadness on electrophysiological modulations underlying Stroop conflict processing. *Int J Psychophysiol*, 87(3):313-26. Impact factor: 2.88).
 - 12) Nixon NL, Liddle PF, Worwood G, **Liotti M**, Nixon E.(2013). Prefrontal cortex function in remitted major depressive disorder. *Psychol Med*, 43(6):1219-30. Impact factor: 5.94)
 - 13) Asmaro D, Jaspers-Fayer F, Sramko V, Taake I, Carolan P, **Liotti M**. (2012). Spatiotemporal dynamics of the hedonic processing of chocolate images in individuals with and without trait chocolate craving. *Appetite*, 58(3):790-9. Impact factor: 2.69).
 - 14) Donohue SE, **Liotti M**, Perez R 3rd, Woldorff MG. (2012). Is conflict monitoring supramodal? Spatiotemporal dynamics of cognitive control processes in an auditory Stroop task. *Cogn Affect Behav Neurosci*. 2012 Mar;12(1):1-15. Impact factor: 3.29).
 - 15) Davis H IV, van Anders SM, Ngan ET, Woodward TS, van Snallenberg JX, Mayberg HS, **Liotti M** (2012). Neural, Mood, and Endocrine Responses in Elite Athletes Relative to Successful and Failed Performance Videos. *J Clin Sport Psychol*, 6, 6-21.
 - 16) Brown S, Gao X, Tisdelle L, Eickhoff SB, **Liotti M**. (2011). Naturalizing aesthetics: Brain areas for aesthetic appraisal across sensory modalities. *Neuroimage*, 58(1):250-8. Impact factor: 6.36).
 - 17) Georgiadi E, **Liotti M**, Nixon NL, Liddle PF. (2011). Electrophysiological evidence for abnormal error monitoring in recurrent major depressive disorder. *Psychophysiol*, 48(9):1192-202. Impact factor: 2.99).
 - 18) Liddle EB, Hollis C, Batty MJ, Groom MJ, Totman JJ, **Liotti M**, Scerif G, Liddle PF (2011). Task-related default mode network modulation and inhibitory control in ADHD: effects of motivation and methylphenidate. *J Child Psychol Psychiatry*, 52(7):761-71. Impact factor: 6.46.
 - 19) Pfordresher PQ, Brown S, Meier KM, Belyk M, **Liotti M** (2010). Imprecise singing is widespread. *Journal of the Acoustic Society of America*, 128(4):2182-90.
 - 20) **Liotti M**, Ingham JC, Takai O, Paskos DK, Perez R, Ingham RJ (2010). Spatiotemporal dynamics of speech sound perception in chronic developmental stuttering. *Brain and Language*, 115(2):141-7. Impact factor: 3.22.
 - 21) Nagy E, **Liotti M**, Brown S, Waiter G, Bromiley A, Trevarthen C, Bardos G (2010). The neural mechanisms of reciprocal communication. *Brain Res*, 1353:159-67. Impact factor: 2.84.
 - 22) Batty MJ, Liddle EB, Pitiot A, Toro R, Groom MJ, Scerif G, **Liotti M**, Liddle PF, Paus T, Hollis C (2010). Cortical gray matter in attention-deficit/hyperactivity disorder: a structural magnetic resonance imaging study. *J Acad Child Adolesc Psychiat*, 49(3):229-38. Impact factor: 7.26
 - 23) Takai O, Brown S, **Liotti M** (2010). Representation of the speech effectors in the human motor cortex: somatotopy or overlap? *Brain Lang*, 113(1):39-44. Impact factor: 3.22.
 - 24) Doesburg SM, Herdman AT, Ribary U, Cheung T, Moiseev A, Weinberg H, **Liotti M**, et al (2010). Long-range synchronization and local desynchronization of alpha

- oscillations during visual short-term memory retention in children. *Exper Brain Res*, 201(4):719-27. Impact factor: 2.04
- 25) Groom MJ, Scerif G, Liddle PF, Batty MJ, Liddle EB, Roberts KL, Cahill JD, **Liotti M**, Hollis C (2010). Effects of motivation and medication on electrophysiological markers of response inhibition in children with attention-deficit/hyperactivity disorder. *Biol Psychiat*, 67(7):624-31. Impact factor: 10.26
- 26) **Liotti M**, Pliszka SR, Higgins K, Perez R 3rd, Semrud-Clikeman M (2010). Evidence for specificity of ERP abnormalities during response inhibition in ADHD children: a comparison with reading disorder children without ADHD. *Brain Cognit*, 72(2):228-37. Impact factor: 2.48
- 27) Taake I, Jaspers-Fayer F, **Liotti M** (2009). Early frontal responses elicited by physical threat words in an emotional Stroop task: Modulation by anxiety sensitivity. *Biol Psychol*, 81(1):48-57. Impact factor: 3.40
- 28) Appelbaum LG, **Liotti M**, Perez R, Fox SP, Woldorff MG (2009). The temporal dynamics of implicit processing of non-letter, letter, and word-forms in the human visual cortex. *Front Hum Neurosci* 3:56. Epub Nov 30. Impact factor: 2.99
- 29) Liddle EB, Scerif G, Hollis CP, Batty MJ, Groom MJ, **Liotti M**, Liddle PF (2009). Looking before you leap: a theory of motivated control of action. *Cognition* 112(1):141-58. Impact factor: 3.48
- 30) Brown S, Laird AR, Pfordresher PQ, Thelen SM, Turkeltaub P, **Liotti M** (2009). The somatotopy of speech: phonation and articulation in the human motor cortex. *Brain Cogn* 70(1):31-41. Impact factor: 2.48
- 31) Narayana S, Jacks A, Robin DA, Poizner H, Zhang W, Franklin C, **Liotti M**, Vogel D, Fox PT (2009). A noninvasive imaging approach to understanding speech changes following deep brain stimulation in Parkinson's disease. *Am J Speech Lang Pathol* 18(2):146-61.
- 32) Davis H IV, **Liotti M**, Ngan E, Woodward T, Van Snellenberg JX et al (2008). fMRI BOLD Signal Changes in Elite Swimmers While Viewing Videos of Personal Failure. *Brain Imaging and Behavior*, 2(2): 84-93. Impact factor: 4.60
- 33) Semrud-Clikeman M, Pliszka SR, **Liotti M** (2008). Executive Functioning in children with ADHD: Combined Type with and without a Stimulant Medication History. *Neuropsychology*. 22(3):329-40. Impact factor: 3.27
- 34) **Liotti M**, Pliszka SR, Glahn D, Perez R, Semrud-Clikeman M (2007). Electrophysiological Correlates of Response inhibition in Children and Adolescents with ADHD: Influence of Gender, Age and Previous Treatment History. *Psychophysiology*, 44(6):936-48. Impact factor: 2.99
- 35) Brown S, Ngan N, **Liotti M** (2008). A Larynx Area in the Human Motor Cortex. *Cerebral Cortex*, 18(4):837-45. Impact factor: 8.66
- 36) Pliszka SR, **Liotti M**, Bailey BY, Perez R III, Glahn D, Semrud-Clikeman M (2007). Electrophysiological Effects of Stimulant Treatment on Inhibitory Control in Children with Attention Deficit-Hyperactivity Disorder. *Journal of Child and Adolescent Psychopharmacology*, 17(3):356-66. Impact factor: 2.93
- 37) Cepeda IL, Grunau RI, Weinberg H, Herdman AT, Cheung T, **Liotti M**, et al (2007). Magnetoencephalography study of brain dynamics in young children born extremely preterm. *International Congress Series*, 1300:99-102.
- 38) Luus BM, Van Snellenberg JX, **Liotti M** (2007). To stop or not to stop: A high spatio- temporal resolution study of response inhibition using MEG. *International*

- Congress Series*, 1300:425-428.
- 39) Van Snellenberg JX, Whitman J, McDonald JJ, **Liotti M** (2007). High temporal resolution imaging of spatial working memory. *International Congress Series*, 1300:433-436.
 - 40) Woodward TS, Buchy L, Moritz S, **Liotti M** (2007). A bias against disconfirmatory evidence is associated with delusion proneness in a nonclinical sample. *Schizophrenia Bulletin*, 33(4):1023-8. Impact factor: 8.45
 - 41) Buchy L, Woodward TS, **Liotti M** (2007). A cognitive bias against disconfirmatory evidence (BADE) is associated with schizotypy. *Schizophrenia Research*, 90: 334-337. Impact factor: 3.92
 - 42) Semrud-Clikeman M, Pliszka SR, Lancaster JL, **Liotti M**, (2006). Volumetric MRI differences in treatment naïve and chronically treated children with ADHD. *Neurology*, 67: 1023-1027. Impact factor: 8.29
 - 43) Pliszka SR, Glahn D, Perez R, Franklin C, Xiong J-H, **Liotti M**, (2006). Neuroimaging of Inhibitory Control Areas in Children With Attention Deficit Hyperactivity Disorder Who Were Treatment Naive or in Long-Term Treatment *American Journal of Psychiatry*, 163(6). Impact factor: 12.30
 - 44) Schmajuk, M, **Liotti M**, Busse L, Woldorff, MG (2006). Electrophysiological Activity Underlying Inhibitory Control Processes in Normal Adults. *Neuropsychologia*, 44(3):384-95. Impact factor: 3.30.
 - 45) Murray JP, **Liotti M**, Ingmundson P, Mayberg HS, Pu Y, Zamarripa F, Liu Y, Woldorff MG, Gao J-H, Fox PT (2006). Children's brain activations while viewing televised violence revealed by fMRI. *Media Psychology*, 8 (1), 25-37.
 - 46) **Liotti M**, Pliszka SR, Perez R, Kothmann D, Woldorff MG (2005). Abnormal Brain Activity Related to Performance Monitoring and Error Detection in Children with ADHD. *Cortex*, 41,3, 1-12. Impact factor: 5.13.
 - 47) Tandon N, Narayana S, Lancaster JL, Brown S, Dodd S, Vollmer DG, Ingham R, Ingham J, **Liotti M**, Fox PT (2003). CNS Resident Award: role of the lateral premotor cortex in articulation. *Clinical Neurosurgery* 50:341-9.
 - 48) **Liotti M** , Ramig L (2003). Improvement of voicing in patients with Parkinson's disease by speech therapy. *Neurology* 61(9):1316. Impact factor: 8.29
 - 49) **Liotti M**, Ramig LO, Vogel D, New P, Cook CI, Fox PT (2003). Hypophonia in Parkinson's Disease: Neural correlates of voice treatment revealed by PET. *Neurology* 60(3):432-40. Impact factor: 8.29
 - 50) **Liotti M**, Mayberg HS, McGinnis S, Brannan SK, Jerabek P (2002). Unmasking disease-specific cerebral blood flow abnormalities: mood challenge in patients with remitted unipolar depression. *American Journal of Psychiatry* 159(11):1830-40. Impact factor: 12.30.
 - 51) Woldorff MG, **Liotti M**, Seabolt M, Busse L, Lancaster JL, Fox PT (2002). The temporal dynamics of the effects in occipital cortex of lateralized visual-spatial selective attention. *Cognitive Brain Research*, 15(1):1-15. Impact factor: 3.77.
 - 52) Beer J, Blakemore C, Previc FH, **Liotti M** (2002). Areas of the human brain activated by ambient visual motion, indicating three kinds of self-movement. *Exp Brain Res*, 143: 78-88. Impact factor: 2.04
 - 53) **Liotti M**, Mayberg HS (2001). The role of functional Neuroimaging in the Neuropsychology of Depression. *Journal of Clinical and Experimental Neuropsychology*, 23(1):121-36. Impact factor: 2.08

- 54) Previc FH, **Liotti M**, Beer J, Blakemore C, Fox PT (2001). Is Ambient Vision Distributed in the Brain? Effects of wide-field-view yaw stimulation on PET activation. *J Vestib Res*, 10(4-5):221-5.
- 55) Brannan S, **Liotti M**, Egan G, Shade R, Madden L, Robillard R, Abplanalp B, Stofer K, Denton D, Fox PT (2001). Neuroimaging of cerebral activations and deactivations associated with hypercapnia and hunger for air. *Proc Natl Acad Sci U S A* 98(4):2029-2034. Impact factor: 9.67.
- 56) **Liotti M**, Brannan S, Egan G, Shade R, Madden L, Abplanalp B, Robillard R, Lancaster J, Zamarripa FE, Fox PT, Denton D (2001). Brain responses associated with consciousness of breathlessness (air hunger). *Proc Natl Acad Sci U S A* 98(4):2035-2040. Impact factor: 9.67.
- 57) Parsons LM, Egan G, **Liotti M**, Brannan S, Denton D, Shade R, Robillard R, Madden L, Abplanalp B, Fox PT (2001). Neuroimaging evidence implicating cerebellum in the experience of hypercapnia and hunger for air. *Proc Natl Acad Sci U S A* 98(4):2041-2046. Impact factor: 9.67.
- 58) Pliszka SR, **Liotti M**, Woldorff MG (2000). Inhibitory Control in Children with ADHD: Event-Related Potentials Identify the Processing Component and Timing of an Impaired Right-Frontal Response-Inhibition Mechanism. *Biological Psychiatry*, 48 (1):238-246. Impact factor: 10.26
- 59) **Liotti M**, Mayberg HS, McGinnis S, Jerabek P, Martin CC, Fox PT (2000). Specific neural correlates of normal sadness and anxiety: Implications for affective disorders. *Biological Psychiatry*, 48 (1): 30-42. Impact factor: 10.26
- 60) Lancaster JL, Woldorff MG, Parsons LM, **Liotti M**, Freitas CS, Rainey L, Kochunov PV, Nickerson D, Mikiten SA, Fox PT (2000). Automated Talairach atlas labels for functional brain mapping. *Hum Brain Mapping*, 10(3):120-31. Impact factor: 5.97.
- 61) Liu Y, Pu Y, Gao J-H, Parsons LM, Xiong J, **Liotti M**, Bower JM, Fox PT (2000). Red Nucleus and Lateral Lateral Cerebellum supporting roles for sensory discrimination. *Hum Brain Mapping*, 10: 147-159. Impact factor: 5.97.
- 62) Previc FH, **Liotti M**, Blakemore C, Beer J, Fox PT (2000). Functional imaging of brain areas involved in the processing of coherent and incoherent wide field-of-view visual motion. *Exper Brain Res* 131: 393-405. Impact factor: 2.09.
- 63) **Liotti M**, Woldorff MG, Perez R III, Mayberg HS (2000). An ERP study of the time course of the Stroop interference effect. *Neuropsychologia* 38(5): 706-716. Impact factor: 3.30.
- 64) Yijun Lu, Gao J-H, **Liotti M**, Pu Y, Fox PT (1999). Temporal dissociation of parallel processing in the human subcortical outputs. *Nature* 400(6742): 364-7. Impact factor: 41.46.
- 65) Mayberg HS, **Liotti M**, Brannan, SK, McGinnis S, Mahurin RK, et al (1999). Reciprocal limbic-cortical function and negative mood: Converging PET findings in depression and normal sadness. *Am J Psychiat* 156(5): 675-682. Impact factor: 12.30.
- 66) **Liotti M**, Ryder K, & Woldorff MG (1998). Auditory Attention in the Congenitally Blind: Where, When and What gets reorganized? *Neuroreport* 9, 1007-1012.
- 67) **Liotti M**, Martin C, Gao JH, Mayberg HS, Zamarripa F, Jerabek P, & Fox PT (1997). Effects of inhaled Xenon on regional cerebral blood flow as measured by PET: Implications for Hypopolarized Xenon Magnetic Resonance Imaging. *J Magnet Res*

- Imag* 7, 761-764. Impact factor: 3.21.
- 68) Chung G, Tucker DM, West P, Potts G, **Liotti M**, Luu P, & Hartry A (1996). Emotional expectancy: Brain Electrical Activity associated with an emotional bias in interpreting life events. *Psychophysiology*, 33, 218-233. Impact factor: 2.99
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- 76) **Liotti M**, & Grossi D (1988). Le Immagini Mentali Visive. Aspetti psicologici e neuropsicologici. *Giorn Ital Psicol* 3, 381-411.
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- 78) Sava D, **Liotti M**, & Rizzolatti G (1988). Right hemisphere superiority in oculomotor programming. A Reaction Time Study. *Neuropsychologia* 2, 201-211. Impact factor: 3.30.
- 79) De Renzi E, **Liotti M**, & Nichelli P (1987). Semantic amnesia with preservation of autobiographical memory. *Cortex*, 234-250. Impact factor: 5.13.
- 80) Umilta', C., & **Liotti M**. (1987). Egocentric and relative spatial codes in S-R Compatibility. *Psychol Res* 4, 37-51. Impact factor: 2.86.
- 81) **Liotti M**, Umilta' C, & Rizzolatti G (1986). Compatibilita' spaziale S-R nello spazio retrostante il piano corporeo frontale. *Giorn Ital Psicol* 3, 145-150.
- 82) Grossi D, Orsini A, Modafferi A, & **Liotti M** (1986). Visuo-Imaginal constructional apraxia: On a case of selective deficit of Imagery. *Brain Cognit* 5, 255-67. Impact factor: 2.48.
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Capitoli in libri:

- 1) **Liotti M**, Conson M, Grossi D (in preparazione). Neuropsicologia e sindromi psichiatriche. In F Denes, PL Pizzamiglio (Eds): *Manuale di neuropsicologia*, 3. Edizione, Zanichelli.
- 2) Asmaro D, **Liotti M** (2016). Drug-related pictures, attentional bias, and cannabis use. In: Victor R. Preedy (Ed): *Handbook of Cannabis and Related Pathologies*. Oxford: Academic Press, in press.
- 3) Taake I, Jaspers-Fayer F, **Liotti M** (2011). Anxiety Sensitivity Affects Early Processing of Physical Threat Words: An Event-related Potential Investigation of the Dot-probe Task. Chapter in A Morales (Ed): *Trait-Anxiety*. Nova Science Publishers, pp.150-178.
- 4) **Liotti M** (2008). Organizzazione cerebrale del controllo inibitorio nel deficit di Attenzione/Iperattività (ADHD). Capitolo in: E. Làdavas, P. Tabossi R. Nicoletti (Eds): *Attenzione e Cognizione. Festschrift in onore di Carlo Umiltà*. Il Mulino (Bologna): 205-215.
- 5) **Liotti M**, Pliszka SR, Perez R, Kothmann D, Woldorff MG (2005). Abnormal Brain Activity Related to Performance Monitoring and Error Detection in Children with ADHD. Chapter in D Bishop, MA Eckert, CM Leonard (Ed): *The Neurobiology of Developmental Disorders*. Masson (Milano):377-388.
- 6) **Liotti M**, Panksepp J (2003). Imaging Human Emotions and Affective Feelings: Implications for Biological Psychiatry. Chapter in J Panksepp (Ed): *A Textbook of Biological Psychiatry*. John Wiley & Sons (New York).
- 7) **Liotti M**, Tucker DM (1995). Emotion in asymmetric corticolimbic networks. Chapter in: R.Davidson and K.Huzdahl (Eds.): *Brain Asymmetry*. Boston: Harvard University Press. pp.389-424.
- 8) Tucker DM, **Liotti M** (1989). Neuropsychology of Anxiety and Depression. Chapter in: F.Boller and P.Grafs (Eds.): *Handbook of Neuropsychology, Vol.3*, 443-475, Elsevier, Amsterdam.

POSTER:

Un totale di 139 poster presentati a conferenze internazionali

- 1) AK Baker, M Liotti, G Fuji-Johnson. Event-related potentials reveal distinct spatiotemporal dynamics of stereotype processing between Conservatives and Liberals. Poster E23 presented at the 9th meeting of the Social and Affective Neuroscience Society, New York City, April 28-30th 2016.
- 2) PL Carolan, M Liu, M Liotti. Visual search for emotional faces is serial, regardless of Psychopathic Personality traits. Poster B40 presented at the 9th meeting of the Social and Affective Neuroscience Society, New York City, April 28-30th 2016.
- 3) H Wang, K Kleffner, PL Carolan, M Liotti. Emotion-induced interference: Evidence from previously emotionally neutral stimuli. Poster C37 presented at the 9th meeting of the Social and Affective Neuroscience Society, New York City, April 28-30th 2016.
- 4) H Wang, K Kleffner, PL Carolan, Mario Liotti. Spatiotemporal dynamics of the implicit processing of acquired reward or punishment value. Poster presented at the Annual Meeting of Society for Affective Science, Chicago, March 17-19, 2016.
- 5) A Burnett, R Carlson, M Liotti. "Are there partisans which would do well In the Imitation

- Game?" Moral Turing Tests Promote Ideological Depolarization. Poster presented at the Annual Meeting of the Society for Personality and Social Psychology, San Diego, CA, January 28 - 30, 2016.
- 6) R Carlson, A Burnett, M Liotti. Sacrificing time for others during an unpleasant experience supports well-being. Poster presented at the Annual Meeting of the Society for Personality and Social Psychology, San Diego, CA, January 28 - 30, 2016.
 - 7) E Yee, P Bourke, M Liotti, T Cheung. MEG reveals temporal dynamics during preparatory phase of Attentional Control in Visual Search. Poster presented at the annual meeting of the Organization for Human Brain Mapping, Honolulu, Hawaii, June 14-18, 2015.
 - 8) A Baker, M Liotti, G Fuji-Johnson. Stereotypes, Cognition, and Ideology: An ERP Investigation on Implicit Bias among Conservatives and Liberals. Poster presented at the Annual NorthWest Cognition & Memory (NOWCAM) Meeting, Victoria, BC, May 8-10th 2015.
 - 9) R Booy, M Liotti. Laugh, and Be Happy. Poster presented at the Annual NorthWest Cognition & Memory (NOWCAM) Meeting, Victoria, BC, May 8-10th 2015.
 - 10) A Burnett, M Liotti. Electrophysiology of Cognitive Dissonance-elicited Attitude Change. Poster presented at the Annual Meeting of the Society for Affective Science, Oakland, USA, April 9-11, 2015.
 - 11) PL Carolan, K Kleffner, M Liotti. Emotion-regulation Impedes Inhibitory-control: Psychopathic Traits Moderate Effect In An Emotional Stop-signal Task. Poster presented at the Annual Meeting of the Society for Affective Science, Oakland, USA, April 9-11, 2015.
 - 12) K Kleffner, PL Carolan, M Liotti. Emotion-regulation and Inhibitory-control In An Emotional Stop-signal Task: An ERP Study. Poster presented at the Annual Meeting of the Society for Affective Science, Oakland, USA, April 9-11, 2015.
 - 13) I Taake, C Walsh, M Liotti. Frontal ERP Correlates of Early Processing of Physical Threat Words distinguish High- from Low-Trait Anxiety participants. Poster presented at the Annual Meeting of the Society for Affective Science, Oakland, USA, April 9-11, 2015.
 - 14) RW Carlson, LB Aknin, PL Carolan, M Liotti. When giving is an impulse: P300 amplitude predicts intuitive prosocial decisions for empathized targets. Poster presented at the Annual Meeting of the Society for Personality and Social Psychology, Long Beach, CA, February 26-28, 2015.
 - 15) RW Carlson, LB Aknin, PL Carolan, M Liotti. When Giving is an Impulse: Spatiotemporal Neural Dynamics of Intuitive Prosociality. Poster presented at the Annual Meeting of the Society for Social Neuroscience, November 13-14, 2014 in Washington, DC.
 - 16) I Taake, C Walshe, M Liotti. Frontal electrophysiological correlates of attentional bias to threat words in high trait anxiety individuals – a subliminal Stroop. Organization for Human Brain Mapping Annual Meeting, Hamburg, Germany, 8th June 2014.
 - 17) K Kleffner-Canucci, M Liotti. Affective modulation of brain responses during a Go/No-Go task: An ERP study. Organization for Human Brain Mapping Annual Meeting, Seattle, WA, June 20th 2013.
 - 18) PL Carolan, DT Asmaro, M Liotti. Early attentional bias to emotional pictures: Evidence for a distinct frontal generator. Organization for Human Brain Mapping Annual Meeting, Seattle, WA, June 20th 2013.
 - 19) F Jaspers-Fayer, J Barrie, M Liotti. An ERP study of task-relevant and irrelevant emotion in participants with symptoms of depression. Organization for Human Brain Mapping Annual Meeting, Seattle, WA, June 20th 2013.

- 20) DT Asmaro, M Liotti. Early and late processing of Nicotine versus Neutral visual cues: Modulation of ERPs elicited by Cigarette stimuli by means of Effortful Control. 53rd Annual Meeting of the Society for Psychophysiological Research (SPR), Florence, Oct 02-06 2013. Abstract in Psychophysiol Volume: 50 Suppl 1 , S127-S127.
- 21) I Taake, C Walshe, M Liotti. ERP evidence of early subliminal processing of physical threat words in participants with high anxiety sensitivity. 53rd Annual Meeting of the Society for Psychophysiological Research (SPR), Florence, Oct 02-06 2013. Abstract in Psychophysiol Volume: 50 Suppl 1 , S130-S130.
- 22) DT Asmaro, PL Carolan, M Liotti. The neural correlates of Marijuana dependence: Differences in drug and emotional stimulus processing in habitual users and non-users. 51st Annual Meeting of the Society-of-Psychophysiological-Research Location: Boston, MA. SEP 14-18, 2011. Abstract in Psychophysiol Volume: 48 Suppl 1 , S92-S93.
- 23) Liotti M, Pliszka SR, Kothmann-Paskos D, Prez R III, Semrud-Clikeman. MERP Correlates of Abnormal Conflict Monitoring in ADHD children: Effects of Long-Term Stimulant Treatment. Annual Meeting of the American Association for Child and Adolescent Psychiatry (AACAP). San Francisco, CA, 10/22/2012.
- 24) DT Asmaro, F Jaspers-Fayer, V Sramko, M Liotti. The neural correlates of Chocolate craving. 52nd Annual Meeting of the Society for Psychophysiological Research (SPR),Portland, OR Date: SEP 29-OCT 03, 2010. Abstract in Psychophysiol Volume: 47 Suppl 1 , S61-S61.
- 25) F Jaspers-Fayer, JN Barrie, M Liotti. Event-Related Potentials in Covert and Overt processing of Emotional stimuli. 52nd Annual Meeting of the Society for Psychophysiological Research (SPR),Portland, OR Date: SEP 29-OCT 03, 2010. Abstract in Psychophysiol Volume: 47 Suppl 1, S60-S61.
- 26) Liotti M, Pliszka SR, Kothmann-Paskos D, Prez R III, Semrud-Clikeman MERP Correlates of Abnormal Conflict Monitoring in ADHD children: Effects of Long-Term Stimulant Treatment. Annual Meeting of the American Association for Child and Adolescent Psychiatry (AACAP). San Francisco, CA, 10/22/2012.
- 27) DT Asmaro, F Jaspers-Fayer, V Sramko, M Liotti. The neural correlates of Chocolate craving. 52nd Annual Meeting of the Society for Psychophysiological Research (SPR),Portland, OR Date: SEP 29-OCT 03, 2010. Abstract in Psychophysiol Volume: 47 Suppl 1 , S61-S61.
- 28) F Jaspers-Fayer, JN Barrie, M Liotti. Event-Related Potentials in Covert and Overt processing of Emotional stimuli. 52nd Annual Meeting of the Society for Psychophysiological Research (SPR),Portland, OR Date: SEP 29-OCT 03, 2010. Abstract in Psychophysiol Volume: 47 Suppl 1, S60-S61.
- 29) V Sramko, DT Asmaro, M Liotti. Overt versus Covert neural processing of emotional faces. 52nd Annual Meeting of the Society for Psychophysiological Research (SPR),Portland, OR Date: SEP 29-OCT 03, 2010. Abstract in Psychophysiol Volume: 47 Suppl 1, S61-S61.
- 30) JN Barrie, FE Jaspers-Fayer, M Liotti. Covert and Overt processing of sad and happy faces: Early ERP effects. Poster presented at the Annual Meeting of the Society for Psychophysiology, Berlin, Germany, October 2009, Abstract in Psychophysiol 46 : S31-S31 Suppl 1.
- 31) I Taake, F Jaspers-Fayer, G Hotchkiss G, M Liotti. The influence of preference on the neural correlates of recognition memory. Poster presented at the Annual Meeting of the Society for Psychophysiology, Berlin, Germany, October 2009, Abstract in Psychophysiol 46 : S31-S31 Suppl 1.

- 32) M Liotti, JJ Green, F Jaspers-Fayer, MG Woldorff. Auditory Attention in the congenitally blind enhances occipital gamma-band activity. Poster presented at the Annual Meeting of the Society for Psychophysiology, Berlin, Germany, October 2009, Abstract in Psychophysiol 46 : S33-S34 Suppl 1.
- 33) O Takai, S Brown, M Liotti. Functional Representation of Speech Effectors in Primary Motor Cortex: Somatotopy or Overlap? Poster presented at the Human Brain Mapping Meeting, San Francisco, June 2009.
- 34) JN Barrie, FE Jaspers-Fayer, M Liotti. Early ERPs Elicited by Covert and Overt Presentations of Fearful and Neutral Faces. Poster presented at the Annual Conference of the Society for Biological Psychiatry, Vancouver, November 2009, Abstract 111 in Biol Psychiat 65(8): 34S-34S; Suppl. S.
- 35) FE Jaspers-Fayer, JN Barrie, M Liotti. Early Event-Related Potentials Evoked by Sad and Neutral Words: Overt versus Covert Emotional Tasks. Poster presented at the Annual Conference of the Society for Biological Psychiatry, Vancouver, November 2009, Abstract 112 in Biol Psychiat 65(8): 34S-34S; Suppl. S.
- 36) E Georgiadi, PF Liddle, NL Nixon, M Liotti. Behavioural and Electrophysiological Evidence for Abnormal Conflict Monitoring in Major Depressive Disorder. Poster presented at the Annual Conference of the Society for Biological Psychiatry, Vancouver, November 2009, Abstract 157 in Biol Psychiat 65(8):48S-49 S Suppl S.
- 37) T Cheung, M Liotti, A Herdman et al (2009). Time-Frequency Analysis of Response Inhibition Using Magnetoencephalography. Poster presented at the Annual Conference of the Society for Biological Psychiatry, Vancouver. Abstract 173 in Biol Psychiat 65(8): 53S-53S Suppl S.
- 38) M Liotti, SR Pliszka, K Higgins, R Perez, M Semrud-Clikeman. Evidence for specificity of ERP abnormalities in ADHD-C: A comparison with Reading Disorder without ADHD. Poster presented at the IACAPAP2008 Congress, Istanbul, May 2008.
- 39) NL Nixon, E Georgiadi, G Worwood, M Liotti, PF Liddle (2008). ACCORD study - fMRI evidence for error detection in remitted major depressive disorder. Poster presented at the Annual Conference of the Society for Biological Psychiatry, Washington, DC. Abstract 5 in Biol Psychiat 63(7): 2S-2S Suppl S.
- 40) E Georgiadi, M Liotti, NL Nixon, PF Liddle (2008). ACCORD study: Electrophysiological evidence for abnormal error detection in remitted and acute Major Depressive Disorder. Poster presented at the Annual Conference of the Society for Biological Psychiatry, Washington, DC. Abstract 12 in Biol Psychiat 63(7): 4S-4S Suppl S.
- 41) M Liotti, SR Pliszka, M Semrud-Clikeman, R Perez III (2008). Specificity of ERP abnormalities during response inhibition in ADHD children. Poster accepted to the Annual Meeting of the Cognitive Neuroscience Society, San Francisco, April 12-15th 2008 (Poster A31).
- 42) J Barrie, B Luus, J Tanaka, AT Herdman, M Liotti (2008). The Development of the Face-specific M170 Response. Poster accepted to the Annual Meeting of the Cognitive Neuroscience Society, San Francisco, April 12-15th 2008 (Poster F37).
- 43) F Jaspers-Fayer, I Taake, L Buchy, M Liotti (2008). The Cognitive Stroop in participants with Symptoms of Depression using high-density ERPs and s- LORETA. Poster accepted to the Annual Meeting of the Cognitive Neuroscience Society, San Francisco, April 12-15th 2008 (Poster C9).
- 44) I Taake, F Jaspers-Fayer, M Liotti (2008). Trait-Anxiety affects early processing of irrelevant threat words: An ERP study. Poster accepted to the Annual Meeting of the Cognitive Neuroscience Society, San Francisco, April 12-15th 2008 (poster E22).

- 45) V Sramko, M Liotti (2008). The role of somatomotor representations in the recognition of affective prosody: An ERP study. Poster accepted to the Annual Meeting of the Cognitive Neuroscience Society, San Francisco, April 12-15th 2008 (poster C51).
- 46) H Davis, M Liotti, E Ngan, S VanAnders et al (2008). fMRI BOLD signal and endocrine changes in elite swimmers while viewing videos of successful and failed personal performance. Poster accepted to the Annual Meeting of the Cognitive Neuroscience Society, San Francisco, April 12-15th 2008 (poster I78).
- 47) I Taake , F Jaspers-Fayer, L Buchy, M Liotti (2007). ERP evidence of early covert processing of physical threat words in subjects with high and low Anxiety Sensitivity. Poster presented at the annual meeting of the Cognitive Neuroscience Society, New York, May 2007.
- 48) F Jaspers-Fayer, I Taake, L Buchy, M Liotti (2007). A High-Density ERP Study of the Emotional Stroop in participants with Sub-clinical Seasonal Affective Disorder. Poster presented at the annual meeting of the Cognitive Neuroscience Society, New York, May 2007.
- 49) J Barrie, B Luus, A Herdman, J Tanaka, M Liotti (2007). A Magnetoencephalography Study of Global and Local Feature Processing of Faces. Poster presented at the annual meeting of the Cognitive Neuroscience Society, New York, May 2007.
- 50) D Kothmann, GF Potts, SR Pliszka, M Liotti (2006). Exploring Executive Functions in Children with Attention Deficit-Hyperactivity Disorder using Event- Related Potentials. Poster presented at the Annual Conference of the Society for Psychophysiological Research, Vancouver, October 25-29, 2006. Abstract published in *Psychophysiology* 43: S54-S54 Suppl. 1 2006.
- 51) J Barrie, A. Herdman, J. Tanaka, M. Liotti (2006). A whole-cortex MEG study of Face processing in healthy adults. Poster presented at the Annual Conference of the Society for Psychophysiological Research, Vancouver, October 25-29, 2006. Abstract published in *Psychophysiology* 43: S22-S23 Suppl. 1, 2006.
- 52) F Jaspers-Fayer, M Liotti (2006). A High-Density ERP Study of the Emotional Stroop in healthy volunteers. Poster presented at the Annual Conference of the Society for Psychophysiological Research, Vancouver, October 25-29, 2006. Abstract in *Psychophysiology* 43: S49-S49 Suppl. 1 2006.
- 53) B Luus, J Van Snallenberg, M. Liotti (2006). To Stop or not to Stop: A high spatio-temporal resolution study of Response Inhibition using MEG. Poster presented at the BioMag 2006 meeting, Vancouver, August 20-25, 2006.
- 54) J Van Snellenberg, J Whitman, J McDonald, M Liotti (2006). High temporal resolution imaging of spatial working memory: A magnetoencephalography and electroencephalography study. Poster presented at the BioMag 2006 meeting, Vancouver, August 20-25, 2006.
- 55) P Bourke, M Liotti, V Di Lollo, S Brown, E Ngan (2006). Neural mechanisms of top-down control during visual search: Effects of template complexity. Poster presented at the Annual Meeting of the Organization for Human Brain Mapping, Florence, Italy, June 9-14, 2006.
- 56) M Liotti, P Bourke, V Di Lollo, S Brown, E Ngan (2006). Neural mechanisms of top-down control during visual search: Effects of template complexity. Poster presented at the Annual Meeting of the Cognitive Neuroscience Society, San Francisco, April 10-14, 2006.
- 57) P Bourke, M Liotti, S Heys, E Georgiadi (2006). An ERP study of visual search showing early detection of feature conjunctions Poster presented at the Annual Meeting of the Cognitive Neuroscience Society, San Francisco, April 10-14, 2006.

- 58) H Davis IV, M Liotti, H Mayberg, A Smith, J Van Snellenberg, et al (2006). fMRI Bold Signal changes in Athletes in response to video review of failure: Effects of cognitive reappraisal (CBT). Poster presented at the Annual Meeting of the Cognitive Neuroscience Society, San Francisco, April 10-14, 2006.
- 59) J Van Snellenberg, J Whitman, J McDonald, M Liotti (2006). High temporal resolution imaging of spatial working memory: A magnetoencephalography and electroencephalography study. Poster presented at the Annual Meeting of the Cognitive Neuroscience Society, San Francisco, April 10-14, 2006.
- 60) S van Anders, H Davis, J Van Snellenberg, R McKay, E Ngan, N Watson, M Liotti (2006). Elite athletes show changes in steroids and hippocampal activity while watching failed trials. Poster presented at the Annual Meeting of the Society for Neuroscience, Washington, DC, November 12-16, 2005.
- 61) M Liotti, SR Pliszka, M Semrud-Clikeman, Rick Perez (2005). High-Density ERPs during Response Inhibition in ADHD Children: Effects of chronic stimulant treatment. Poster presented at the 10th Annual Meeting of the Organization for Human Brain Mapping, New York, June 2005.
- 62) D Glahn, SR Pliszka, M Liotti, M Semrud-Clikeman, C Franklin, P Fox (2005). Poor Inhibitory Processes In ADHD Children Linked To Dysregulation Of Anterior Cingulate And Dorsolateral Prefrontal Cortex. Poster presented at the 10th Annual Meeting of the Organization for Human Brain Mapping, New York, June 2005.
- 63) Liotti M, Perez R, Semrud-Clickeman M, et al. ERP evidence for an early (N200) frontal deficit in response inhibition in ADHD children: The effect of stimulant treatment. Poster presented at the Annual Meeting of the Society for Cognitive Neuroscience. Abstract published in *Journal of Cognitive Neuroscience*: 193-193 Suppl. S 2005.
- 64) S Minhas, M Liotti, A Hull, D Alexander, A Venneri (2005). A voxel-based correlational study of MRI morphometry with symptom severity and neuropsychological performance in Post-Traumatic Stress Disorder. Poster presented at the 10th Annual Meeting of the Organization for Human Brain Mapping, New York, June 2005.
- 65) M Liotti, HS Mayberg (2004). Neuroimaging correlates of Depression and Depression Recovery. Symposium speaker: Neuroimaging in Neuropsychiatry: New Avenues, Open Issues". 1st Congress European Neuropsychological Societies, Modena, Italy, 18th-20th 2004.
- 66) M Liotti, S Minhas, A Hull, D Alexander, A Venneri (2004). Regional Brain Atrophy Correlates with Severity of Symptoms in PTSD. Oral presentation, 1st Joint Meeting of the European Neuropsychological Societies, Modena, Italy, April 20 2004.
- 67) M Liotti, SR Pliszka, R Perez, D Kothmann, MG Woldorff (2003). ERP correlates of impaired monitoring of successful inhibition and impaired error detection in ACC in children with ADHD. Poster presented at the 10th Annual Meeting of the Cognitive Neuroscience Society, New York, March 30-April 1, 2003.
- 68) M. Liotti, L.O. Ramig, D. Vogel, P. New, C.C. Cook, P.T. Fox (2002). Hypophonia in Parkinson Disease: Neural correlates of voice treatment revealed by PET. Oral presentation at the 7th International Conference on Speech and Language Processing, Denver, September 16-20 2002.
- 69) M Liotti, SK Brannan, Egan G, R Shade, Franklyn C, D Denton, PT Fox (2002). Neural Correlates of CO₂-induced air hunger in high and low trait-anxiety volunteers. Accepted as poster to the 8th meeting of the Organization for Human Brain Mapping, Sendai, Japan, 2-6 June 2002.
- 70) Benson PJ, Counsell CE, McConachie DJA, Liotti M (2002). Assessment of facial

- expression production in Parkinson's disease. Poster presented at the Vision Sciences Society, Sarasota, FL, USA, May 2002. Abstract published in *Perception*, 31: 23-23 Suppl. S, 2002.
- 71) M Liotti, HS Mayberg, V Jones, P Jerabek, PT Fox. Interactive Effects in the Anterior Cingulate of Sadness and Selective Attention: A PET Study. Oral presentation at the meeting of the European Society for Cognitive Psychology, Edinburgh, September 2001.
 - 72) SK Brannan, M Liotti, Denton D, Egan G, Robillard R, Franklin C, Fox PT. RCBF correlations with breathlessness in normal subjects exposed to CO₂. Poster presented at the 7th Annual Meeting of the Organization of Human Brain Mapping, Brighton, June 2001. Abstract in *Neuroimage*, 13, S972.
 - 73) M Liotti, RJ Ingham, JC Ingham, D Kothmann, R Perez, PT Fox. Abnormal Event-Related Potentials to Spoken and Replayed Vowels in Stuttering. Poster presented at the 7th Annual Meeting of the Organization of Human Brain Mapping, Brighton, June 2001. Abstract in *Neuroimage*, 13, S560.
 - 74) M Liotti, Kothmann D, Perez R. Co-localization in the Anterior Cingulate of Conflict Monitoring and Error Detection. Poster presented at the annual meeting of the Cognitive Neuroscience Society, New York, March 2001.
 - 75) Kothmann D, M Liotti, , Perez R. An ERP study of the Counting Stroop Task. Poster presented at the annual meeting of the Cognitive Neuroscience Society, New York, March 2001.
 - 76) M Liotti, D Vogel, P New, LO Ramig, P New, PT Fox. Auditory gating in Parkinson's Disease and effects of LSVT. Oral Presentation at the Annual conference of the American Speech and Hearing Association, Washington DC, November 2000.
 - 77) S Krueger, K Goldapple, M Liotti, HS Mayberg. Cerebral blood flow in bipolar disorder measured with PET: I. Trait effects at baseline and after mood induction. Poster presented at the annual meeting of the Society for Biological Psychiatry, 2001. Abstract published in *Biological Psychiatry*, 49 (8): 87 Suppl. S APR 15 2001.
 - 78) L Madden, M Liotti, SK Brannan, R Shade, R Robillard, , G Egan, D Denton, PT Fox. Differential neural correlates of heart rate and respiratory rate during CO₂- induced Air Hunger. Poster accepted at the annual meeting of the Society for Neuroscience, New Orleans, November 2000.
 - 79) M Liotti, VM Jones, R Perez III, MG Woldorff. Event-Related Potentials and Rts correlates of Veridical and Illusory Recognition Memory for Familiar Objects. Presented at the 6th meeting of the Organization for Human Brain Mapping, san Antonio, TX, June 2000. Abstract in *Neuroimage* vol 11(5), part 2, s446.
 - 80) SK Brannan, M Liotti, L Madden, R Shade, R Robillard, B Abplanalp, G Egan, D Denton, PT Fox. Inspired CO₂ induced rCBF increases in subcortical regions of the brain. Presented at the 6th meeting of the Organization for Human Brain Mapping, san Antonio, TX, June 2000. Abstract in *Neuroimage* vol 11(5), part 2, s801.
 - 81) FH Previc, M Liotti, J Beer, C Blakemore. Is Ambient Vision Distributed in the Brain? Effects of Wide-FOV Yaw stimulation on PET Activity. Presented at the 6th meeting of the Organization for Human Brain Mapping, san Antonio, TX, June 2000. Abstract in *Neuroimage* vol 11(5), part 2, s834.
 - 82) J Lancaster, P Kochunov, M Woldorff, M Liotti, L Parsons, L Rainey, D nickerson, P Fox. Automatic Talairach Labels for Functional Activation Sites. Presented at the 6th meeting of the Organization for Human Brain Mapping, san Antonio, TX, June 2000. Abstract in *Neuroimage* vol 11(5), part 2, s483.
 - 83) M Liotti, HS Mayberg, VM Jones, LC Agan, CI Cook, MG Woldorff, PA Jerabek, PT

- Fox. Interactive effects in the anterior cingulate of sadness and selective attention: A PET study. Oral presentation at the annual meeting of the Society of Biological Psychiatry, Chicago, May 2000. Abstract published in *Biological Psychiatry* 47 (8): 125S-126S 410 Suppl. S, APR 15 2000.
- 84) VM Jones, M Liotti, R Perez III, CC Thomas, MG Woldorff. Episodic encoding and recognition of object pictures: Where and when? Poster presented to the Annual meeting of the Cognitive Neuroscience Society, San Francisco, April 2000. Abstract published in *Journal of Cognitive Neuroscience*, 24-24 26A Suppl. S, 2000.
- 85) M Liotti, D Vogel, LO Ramig, P New, PT Fox. Modifications of brain function following LSVT: A PET Study. Poster at the Annual conference on motor Speech: Motor Speech Disorders- Speech Motor Control. San Antonio, TX, February 2000.
- 86) D Vogel, M Liotti, L Ramig, P New, PT Fox. LSVT modifies brain function in Parkinson's Disease: A PET Study. Poster presented at the Annual Meeting of the American Speech and Hearing Association, San Francisco, November 1999.
- 87) M Liotti, JP Murray, P Ingmundson, Y Pu, J-H Gao and PT Fox. A fMRI study of TV Violence viewing in Children. Fifth Meeting of the Human Brain Mapping Society, Dusseldorf, June 1999. Abstract in: *Neuroimage* 9(6), S909.
- 88) Y Liu, J-H Gao, M Liotti, PT Fox. Tactile object discrimination sustaining prefrontal activation. Fifth Meeting of the Human Brain Mapping Society, Dusseldorf, June 1999. Abstract in: *Neuroimage* 9(6), S396.
- 89) MG Woldorff, R Perez, A Barker, M Liotti, SC Prigden, PT Fox. Right occipital ERP effects for non-letter character strings relative to letter strings. Oral presentation at the Fifth Meeting of the Human Brain Mapping Society, Dusseldorf, June 1999. Abstract in: *Neuroimage* 9(6), S1093.
- 90) M. Liotti, M.G. Woldorff, R. Perez III, H.S. Mayberg. ERP correlates of attentional impairment during intense sadness. Oral presentation, annual meeting of the Society of Biological Psychiatry, Washington DC, May 1999. Abstract in: *Biological Psychiatry* 45(8s), S202.
- 91) M Liotti, D Vogel, P New, L Ramig, HS Mayberg, CC Cook, PT Fox. A PET Study of Functional Reorganization of Premotor Regions in Parkinson's Disease following intensive Speech and Voice Treatment (LSVT). Annual meeting of the American Association of Neurology, Toronto, April 1999. Abstract in *Neurology*, 52 (6): A348-A349 Suppl. 2, APR 1999.
- 92) SR Pliszka, M Liotti, MG Woldorff. A Behavioral/ERP Study of inhibitory control in ADHD Children. Annual Meeting of the Cognitive Neuroscience Society, Washington DC, April 1999. Abstract published in *Journal of Cognitive Neuroscience* 64-65 Suppl. S, 1999.
- 93) M Liotti, MG Woldorff, R Perez, HS Mayberg. An ERP Study of the time course of the Stroop color-word interference effect. Annual Meeting of the Cognitive Neuroscience Society, Washington DC, April 1999. Abstract published in *Journal of Cognitive Neuroscience* 56-56 Suppl. S, 1999.
- 94) Woldorff M, Perez R, Barker A, Liotti M, Pridgen S, Fox P. Right occipital erp effects for symbol and false-font strings relative to letter strings. Annual Meeting of the Cognitive Neuroscience Society, Washington DC, April 1999. Abstract published in *Journal of Cognitive Neuroscience* 96-96 Suppl. S, 1999.
- 95) FH Previc, M Liotti, C Blakemore, J Beer, PT Fox. Functional Imaging of brain areas involved in visually induced self-motion perception in humans. Oral presentation, Annual Meeting of the Society for Neuroscience, Los Angeles November 1999.

- Abstract: Society for Neuroscience Abstr, 213.5, 530.
- 96) Y Pu, Y-J Liu, J-H Gao, LM Parsons, J Xiong, M Liotti, JM Bower, Y-L Qin, PT Fox. Implication of human inferior olive in sensory discrimination: An fMRI Study. Oral presentation, Annual Meeting of the Society for Neuroscience, Los Angeles November 1999. Abstract: Society for Neuroscience Abstr, 452.15, 1150.
- 97) Y-J Liu, J-H Gao, M Liotti, Y Pu, PT Fox. An fMRI study of temporal dissociation between the basal ganglia and the cerebellar outputs during tactile discrimination. Oral presentation, Annual Meeting of the Society for Neuroscience, Los Angeles November 1999. Abstract: Society for Neuroscience Abstr, 695.9, 1763.
- 98) SR Pliszka, M Liotti, MG Woldorff. A Study of inhibitory control in ADHD and normal Children during the STOP Signal Task. Annual Meeting of The American Society of Adolescent and Child Psychiatry, Anaheim, CA, October 1998.
- 99) MG Woldorff, SC Pridgen, M Liotti, S Rao, R Perez III, PT Fox. The Verb Generation Task: The Timing of Activations. Fourth International Conference on functional Mapping of the Human Brain, Montreal, June 1998. Abstract in: *Neuroimage*, 7 (4) Suppl 2, S160.
- 100) M Liotti, MG Woldorff, J Xiong, LM Parsons, J-H Gao, Y Pu, F Zamarripa, CI Cook, PA Jerabek, CC Martin & PT Fox (1998). Activations in visual cortex by language and non-language tasks in the congenitally blind: A PET study. Fourth International Conference on functional Mapping of the Human Brain, Montreal, June 1998. Abstract in: *Neuroimage*, 7 (4) Suppl 2, S21.
- 101) YJ Liu, J-H Gao, M Liotti, Y Pu, PT Fox. Temporal dissociation of the human subcortical outputs during a tactile discrimination task. Fourth International Conference on functional Mapping of the Human Brain, Montreal, June 1998. . Abstract in: *Neuroimage*, 7 (4) Suppl 2, S412.
- 102) HS Mayberg, M Liotti, SK Brannan, S McGinnis, PA Jerabek, CC Martin, PT Fox. Disease and state-specific effects of mood challenge on rCBF. Fourth International Conference on functional Mapping of the Human Brain, Montreal, June 1998. Abstract in: *Neuroimage*, 7 (4) Suppl 2, S901.
- 103) SK Brannan, M Liotti, PT Ingumndson, F Zamarripa, S McGinnis, HS Mayberg, PA Jerabek, CC Martin, PT Fox (1998). Traumatic memory induces rCBF changes in a group of Vietnam veterans. Fourth International Conference on functional Mapping of the Human Brain, Montreal, June 1998. Abstract in: *Neuroimage*, 7 (4) Suppl 2, S921.
- 104) Liotti M, Woldorff MG, Ryder K, Brannan SK, Mayberg HS. An ERP study of mood effects on sustained attention. Poster presented at the Annual meeting of the Cognitive Neuroscience Society, 1998. Abstract published in *Journal of Cognitive Neuroscience* 68-68 Suppl. S, Mar 18 1998.
- 105) Y Pu, J-H. Gao, J Liu, M Liotti, PT Fox, JM Bower, LM Parsons (1997). Influence on the motor system by cerebellar processes that support sensory acquisition: An fMRI study. Annual meeting of the Society for Neuroscience, New Orleans, DC, Nov 1997. Abstract: Society for Neuroscience Abstr, 15.2, 18.
- 106) YJ Liu, J-H Gao, Y Pu, L Parsons, M Liotti, & PT Fox (1997). Visualization of functioning neural connections between the human red and dentate nuclei. Annual meeting of the Society for Neuroscience, New Orleans, DC, Nov 1997. Abstract: Society for Neuroscience Abstr, 816.4, 2098.
- 107) SK Brannan, HS Mayberg, M Liotti, P Ingmundson, J Weisenberger, M Alfano, AM Miller et al (1997). Neural correlates of fear provocation in normals and PTSD patients. Annual meeting of the Society for Neuroscience, New Orleans, DC, Nov 1997. Abstract: Society for Neuroscience Abstr, 228.1, 569.

- 108) M Liotti, HS Mayberg, K Ryder, SK Brannan, & MG Woldorff (1997). An ERP study of mood provocation in remitted depression. Annual meeting of the Society for Neuroscience, New Orleans, DC, Nov 1997. Abstract: Society for Neuroscience Abstr, 643.4, 1657.
- 109) HS Mayberg, M Liotti, SK Brannan, S McGinnis, PA Jerabek, CC Martin, & PT Fox (1997). Disease-specific effects of mood challenge in remitted depression. Annual meeting of the Society for Neuroscience, New Orleans, DC, Nov 1997. Abstract: Society for Neuroscience Abstr, 555.8, 1406.
- 110) HS Mayberg, S McGinnis, M Liotti, SK Brannan, RK Mahurin, PA Jerabek, CC Martin, & PT Fox (1997). Reciprocal limbic-cortical function and mood: Converging PET findings in Depression and Normal Sadness. Third International Conference on functional Mapping of the Human Brain, Copenhagen, May 1997. Abstract: Neuroimage, 5(4), S303.
- 111) M Liotti, HS Mayberg, SK Brannan, S McGinnis, PA Jerabek, CC Martin, & PT Fox (1997). Mood challenge in remitted depression: An 15O-water PET study. Third International Conference on functional Mapping of the Human Brain, Copenhagen, May 1997. Abstract: Neuroimage, 5(4), S114.
- 112) M Liotti, CC Martin, J-H Gao, HS Mayberg, F Zamarripa, P Jerabek, PT Fox. Xenon effects on rCBF assessed by 15O-H2O PET. Third International Conference on functional Mapping of the Human Brain, Copenhagen, May 1997. Abstract: Neuroimage, 5(4), S375.
- 113) R. Mahurin, M Liotti, H Mayberg, F Zamarripa, S McGinnis, P Fox (1996). A Positron Emission Tomography study of Transient Sleep Reduction, limbic activity and attentional control. Annual meeting of the Society for Neuroscience, Washington, DC, Nov 1996. Abstract: Society for Neuroscience Abstr, 268.2, 676.
- 114) HS Mayberg, SK Brannan, M Liotti, RK Mahurin, JS Brickman, JA Silva, JK Tekell, PA Jerabek, PT Fox (1996). The role of the Cingulate in Mood Homeostasis. Annual meeting of the Society for Neuroscience, Washington, DC, Nov 1996. Abstract: Society for Neuroscience Abstr, 109.13, 267.
- 115) HS Mayberg, SK Brannan, RK Mahurin, M Liotti, S Brickman (1996). Testing a Neural Model of Depression using PET. World congress of Psychiatry, Madrid (Spain), August 1996.
- 116) M Liotti, MG Woldorff, K Ryder, S Veeraswamy, JH Gao (1996). Auditory selective attention in blind subjects: an ERP study. 2nd International Congress of Brain Mapping of the Human Brain, Boston, MA. Abstract: Neuroimage, 3 (3), part 2, S191.
- 117) M Liotti, K Ryder, MG Woldorff. Plasticity in the human brain of the congenitally blind. Annual meeting of the McDonnell-Pew Foundation for Cognitive Neuroscience, Boston, USA, June 1996.
- 118) M Liotti, MG Woldorff, K Ryder, S Veeraswamy, M Matzke. Auditory selective attention in blind subjects: An ERP Study. Annual meeting of the Cognitive Neuroscience Society, San Francisco, CA, Mar 1994.
- 119) M Liotti, MG Woldorff, S Veeraswamy. Functional reorganization of auditory processing in blindness: The effect of age on onset. Annual meeting of the Society for Neuroscience, San Diego, CA, Nov 1995. Abstract: Society of Neuroscience Abstracts, 21(1), 172.
- 120) M Liotti, D Laberge, PT Fox. A PET study of Visual Attention for Letter Shapes. Oral presentation, 1st International Congress of Brain Mapping of the Human Brain, Paris, (France), Human Brain Mapping, Suppl 1, 271.
- 121) HS Mayberg, M Liotti, PA Jerabek, CC Martin, PT Fox. Induced Sadness: A PET

- model of depression. 1st International Congress of Brain Mapping of the Human Brain, Paris, (France), Human Brain Mapping, Suppl 1, 396.
- 122) M Liotti, D Laberge, PT Fox. A PET study of focused visual attention to letter shapes Annual meeting of the Cognitive Neuroscience Society, San Francisco, CA, Mar 1995. Abstract: Cognitive Neuroscience Society Abstracts, 271.
- 123) M Liotti, D Laberge, PT Fox. A PET study of focused visual attention to letter shapes, Annual meeting of the Society for Neuroscience, Washington, DC, Nov 1994. Abstract: Society of Neuroscience Abstracts, 20(1), 354.
- 124) M Liotti, G Potts, D Tucker. The paradoxical distribution of P1 to peripheral visual stimuli. III Tennenbaum Congress of Theoretical and Experimental Neuropsychology, Montreal, May 1992. Abstract: Brain and Cognition, 28(1), 100, 1995.
- 125) G Potts, M Liotti, D Tucker (1993). Hedonic Significance of spatial locations. III Tennenbaum Congress of Theoretical and Experimental Neuropsychology, Montreal, May 1992. Abstract: Brain and Cognition, 28(1), 80-81, 1995.
- 126) M Liotti, MI Posner, G Potts, D Tucker. The "P1 Reprise" to visual stimuli: A possible Evoked Potential index of reentrant processing. IV Tennenbaum Congress of Theoretical and Experimental Neuropsychology, Montreal, May 1993. Abstract: Brain and Cognition, 28(1), 106, 1995.
- 127) PG Grossenbacher, M Liotti, J McQuaid, G Potts (1994). Identification of emotion through Postural Cues. Congress of the International Society for Research on Emotions, Cambridge (UK). Abstract: Proceedings of the VIII Conference of the ISRE, 260-263.
- 128) PG Grossenbacher, G Potts, J McQuaid, M Liotti (1992). Visual expression of emotion expressed by body posture. International Conference on Emotion and Culture, Eugene, OR, June 1992.
- 129) M Liotti, G Potts, D Tucker (1992). Brain processing of Rarity and Relevance: Scalp Distribution of the ERP in a Visual Attention Task. Annual meeting of the International Neuropsychology Society, San Diego, CA, Feb 1992. Abstract: Journal of Clinical and Experimental Neuropsychology, 14(1), 42-43.
- 130) R Whitehead, M Liotti (1991). Right Hemisphere Lateralization for Arousal? A High Density ERP Study. Annual Meeting of the Psychonomic Society, San Francisco, CA, Nov 1991. Abstract published in Bulletin of the Psychonomic Society 29 (6): 503-503 Nov 1991.
- 131) Liotti, D Tucker (1990). Emisfero destro e stati emotivi: il ruolo dell'Arousal nell'attivazione emotiva. Incontri sulle Emozioni, Bologna (Italy), June 1990.
- 132) Liotti, S Dazzi, C Umiltà (1988). Deficits dell'orientamento automatico dell'attenzione in pazienti schizofrenici. International meeting "New Horizons in Schizophrenia Research". Bologna, May 1988.
- 133) Liotti, SW Keele, P Yee (1988). L'integrazione di attributi percettivi: la posizione spaziale e' speciale? Annual meeting of the Divisione di Ricerca di Base della Societa' Italiana di Psicologia, Trieste (Italy), Sept 1988.
- 134) S Keele, A Cohen, M Liotti, R Ivry, P Yee. Tests of a temporal theory of Attentional Binding. Bulletin of the Psychonomic Society 25 (5): 342-342 Sep 1987.
- 135) M Gentilini, G Gorgoglione, M Liotti, P Nichelli (1987). Attentional deficits after Minor Head Injuries. Annual Meeting of the International Neuropsychology Society, Washington, DC, Feb 1987. Abstract: Journal of Clinical and Experimental Neuropsychology, 9(1), 55.
- 136) M Liotti, G Rizzolatti, C Umiltà (1984). Reaction Time studies of emotions in normal subjects and psychiatric patients. 1st meeting of the Italian Neuroscience Society,

- Rome, May 1984. Abstract: Italian Neuroscience Society Abstracts, 250.
- 137) M Liotti, D Sava, Luppino G, Rizzolatti G (1984). Interferenza selettiva per l'emisfero di destra in un compito di esplorazione visuo-motoria. Annual meeting of the Societa' Italiana di Neuropsicologia, Bologna, May 1984.
- 138) Grossi D, Orsini A, Modafferi A, Liotti M (1983). Visuo-Imaginal constructional apraxia: On a case of selective deficit of Imagery. Annual Meeting of the European Brain and Behavior Society, Marseille (France), Sept 1983. Abstract: Behavioral and Brain Sciences, 20, 125.
- 139) M Liotti, D Sava, P Caffarra, Rizzolatti G (1983). Differenze emisferiche nei tempi di reazione semplici in pazienti depressi unipolari non-psicotici. Annual meeting of the Societa' Italiana di Neuropsicologia, Bologna, May 1983.

INTERVENTI (selezionati):

Da un totale di 96 interventi a convegni internazionali e letture magistrali presso universita' canadesi, italiane e USA

- 1) Neuroscienze della Paura e dell'Ansia. Lettura Magistrale, Dipartimento di Psicologia, Seconda Universita' di Napoli, Caserta, 24 Maggio 2016.
- 2) Neuroscienze della Tristezza e della Felicit'. Lettura Magistrale, Dipartimento di Psicologia, Seconda Universita' di Napoli, Caserta, 3 Maggio 2016.
- 3) Introduzione alle Neuroscienze Affettive. Lettura Magistrale al corso di Master in Neuroscienze Cliniche, Universita' Federico II, Napoli, 26 Febbraio 2016.
- 4) De Renzi e l'Amnesia Semantica. Intervento al Simposio di commemorazione di Ennio De Renzi. Universita' di Padova, 27 Novembre 2015.
- 5) Organizzazione cerebrale nell'ADHD: Implicazioni per il trattamento. Intevento in Simposio su Neuropsicologia dei Disturbi dell'Apprendimento, Napoli, 13-14 Novembre 2015.
- 6) What can Neuroimaging and Electrophysiology tell us about ADHD? Mood Disorder Center Rounds, University of British Columbia, Vancouver, March 11th 2015
- 7) Strategie e Meccanismi di Regolazione delle Emozioni. Da Freud alle Neuroimmagini. Lettura Magistrale, Dipartimento di Psicologia, Caserta, 20 Maggio 2014.
- 8) Correlati neurofisiologici e di neuroimmagine del disturbo di attenzione/iperattivita'. Lettura Magistrale, Dipartimento di Psicologia, Caserta, 6 Maggio 2013.
- 9) Anterior insula in Emotion and Social Cognition. 3rd scientific meeting of the Federation of European Societies of Neuropsychology, Basel, CH, 09/10/2012. Symposium: "Insular Cortex between Cognition and Emotion".
- 10) Neuroimaging and Electrophysiological Studies of Inhibitory Control in ADHD. Conference of Executive Function and Dysfunction, Boulder CO, 12-13 Jan 2012.
- 11) Neuropsicologia della Risata e dell'Umorismo. Lettura Magistrale, Dipartimento di Psicologia, Caserta, 3 Novembre 2010.
- 12) Neuropsicologia della Depressione. Lettura Magistrale, Dipartimento di Psicologia, Caserta, 9 Novembre 2010.
- 13) Trends nelle Neuroscienze Affettive. Parte 1. Lettura Magistrale, Dipartimento di Psicologia, Caserta, 16 Novembre 2010.
- 14) Trends nelle Neuroscienze Affettive. Parte 2. Lettura Magistrale, Dipartimento di

Psicologia, Caserta, 23 Novembre 2010.

15) Electrophysiological correlates of attention and cognitive control in ADHD. Invited seminar at the department of Psychology, Columbia University, New York. 15 December 2010.

16) Electrophysiology and Neuroimaging of Attention and Cognitive Control in Depression and Attention Deficit-Hyperactivity Disorder (ADHD). Seminar, Cuba Neuroscience Centre, Habana, 17th February 2010.

17) Psicologia e Neurobiologia della Risata e dell'Umorismo. Invited seminar at the department of Psychology, University of Padua, 07/12/2010.

18) Organizzazione cerebrale della Depressione: Studi di Neuroimmagini. Lettura Magistrale, III Convegno della Associazione Italiana Neurologi del Territorio, Napoli, 10-12 Dicembre 2009.

19) Le basi neurobiologiche del comportamento sociale: imitazione, empatia ed i neuroni specchio. Intervento al convegno: "Prendersi cura della persona, della collettività, dell'ambiente". Università Suor Orsola Benincasa, Napoli, 15-16 Gennaio 2009.

20) Human Neuroimaging of normal and abnormal subjective feelings. Invited colloquium, School of Veterinary Medicine, University of Washington. 4th September 2008.

21) Electrophysiological correlates of response inhibition and cognitive conflict in children and adolescents with ADHD. Presentation at the symposium: "Multiple pathways to ADHD: Intermediate phenotypes as a tool to reduce phenotypic complexity", April 30th 2008. International Association of Child and Adolescent Psychiatry (IACAPAP), Istanbul, 4/29-5/03 2008.

22) Psychology and Neurobiology of Laughter. Psych in the City Public Lecture, Surrey SFU Campus, April 16th 2008.

23) Functional Neuroimaging findings in normal and abnormal mood states.

Neuropsychiatry Grand Rounds, University of British Columbia, September 21st, 2007.

24) The M170 Neuromagnetic Response to Faces and Objects in Typically Developing Children, Adolescents and Adults. HELP research day, SFU Harbor Centre, May 12 2007.

25) Influence of Spatial Frequency on the M170 Neuromagnetic Response to Face and Non-face Stimuli. Colloquium series, Department of Ophthalmology, Vancouver General Hospital, March 13th 2007

26) Neuroimaging of Inhibitory Control mechanisms in ADHD. Colloquium Series, Department of Psychology, University of Victoria, March 24th 2006.

27) Neuroimaging studies of Unipolar Depression and Normal Sadness. Psychiatry Rounds, Department of Psychiatry, Harborview Medical Center, Seattle, October 21st 2005.

28) Organizzazione cerebrale della Depressione: Studi di Neuroimaging. Invited lecture, Department of Psychology, University of Naples, Oct 3rd 2005.

29) Functional Neuroimaging of Negative Mood in Unipolar Depression and Normal Sadness Affective Disorder rounds, Department of Psychiatry, University of British Columbia, Vancouver, June 5th 2005.

30) Corticolimbic interactions in depression and normal sadness. Invited talk, Department of Psychology, University of Oregon, Eugene, OR, March 21st 2005.

31) Neuroimaging in Neuropsychiatry: open issues, new avenues. Symposium organizer

- and chair, 1st Joint Meeting of the European Neuropsychological Societies, Modena, Italy, April 19-22 2004.
- 32) Neuroimaging Correlates of Depression. Invited talk. 1st Joint Meeting of the European Neuropsychological Societies, Modena, Italy, April 19 2004.
- 33) Regional Brain Atrophy Correlates with Severity of Symptoms in PTSD. Oral presentation, 1st Joint Meeting of the European Neuropsychological Societies, Modena, Italy, April 20 2004.
- 34) Event-Related Imaging Studies of Inhibitory Control in Children with Attention Deficit-Hyperactivity Disorder (ADHD). Invited talk, Royal Society ERP mini-symposium, University of Stirling, UK, Jan 30 2003.
- 35) Organizzazione cerebrale della Depressione: Studi di Neuroimaging. Invited lecture, Incontri Monotematici di Psichiatria, Pescara, Italy, Nov 22 2003.
- 36) Neuroimaging Studies of Inhibitory Control in Children with Attention Deficit-Hyperactivity Disorder (ADHD). Psychology Department Colloquia series, University of Hull, UK, Nov 13 2003.
- 37) Human Emotions and Affective Feelings: Clues from Functional Neuroimaging. Invited Speech, Arnold Pfeffer Award Ceremony, New York, Nov 1st 2003.
- 38) Mood effects on Attention: Behavioural and Neuroimaging findings. Psychology Department Seminar Series, University of Portsmouth, UK, Jun 20 2003.
- 39) Controllo Inibitorio in bambini con ADHD: Correlati Elettrofisiologici e di Neuroimaging. Minisimposio annuale sullo sviluppo, Padova, Italy, June 6 2003.
- 40) Event-Related Imaging Studies of Inhibitory Control in Children with Attention Deficit-Hyperactivity Disorder (ADHD). Psychology Department Seminar series, University of Sunderland, UK, Mar 5 2003.
- 41) Mood effects on Attention: Behavioural and Neuroimaging findings. Psychology Department Colloquia, University of Dundee, UK, Feb 14 2003.
- 42) Impaired Attentional Networks in Depression and ADHD: Behavioural and Neuroimaging evidence. Job talk, Department of Psychology, Simon Fraser University, Jan 24 2003.
- 43) Neural Correlates of Unipolar Depression and Normal Sadness. Neuroscience Research Colloquium, University of British Columbia, Brain Research Centre, Vancouver, Jan 21 2003.
- 44) Hypophonia in Parkinson Disease: Neural correlates of voice treatment revealed by PET. Oral presentation at the 7th International Conference on Speech and Language Processing, Denver, Colorado, September 16-20 2002.
- 45) Event-Related Imaging Studies of Inhibitory Control in Children with Attention Deficit-Hyperactivity Disorder (ADHD). University of Nottingham, Division of Psychiatry- Postgraduate meetings, April 17th 2002.
- 46) Neural Correlates of Negative Mood in Unipolar Depression and Normal Sadness. Invited talk, Psychiatry lectures Series, Department of Psychiatry, University of Edinburgh, UK, January 30th 2002.
- 47) Feeling Breathless: A Neuroimaging Study. Psychology Department Seminar series, University of Aberdeen, UK, November 6th 2001.
- 48) Event-Related Imaging Studies of Inhibitory Control in Children with Attention Deficit-Hyperactivity Disorder (ADHD). Mini-symposium on Cognitive Brain Imaging, Aberdeen, UK, September 3rd 2001.

- 49) Interactive Effects in the Anterior Cingulate of Sadness and Selective Attention: A PET Study. Oral presentation at the meeting of the European Society for Cognitive Psychology, Edinburgh, September 6th 2001.
- 50) Neural correlates of Unipolar Depression and Normal Sadness revealed by PET. Invited talk, Department of Psychology and Institute of Behavioral Neuroscience, University of Texas at Austin, February 21 2001.
- 51) Abnormal Auditory Gating in Parkinson's Disease before and after LSVT. Oral Presentation at the annual meeting of the American Speech and Hearing Association, Washington, DC, November 2000.
- 52) A PET Study of the Neural Correlates of CO₂-induced Air Hunger. Oral Presentation at the 6th meeting of the Organization for Human Brain Mapping, San Antonio, TX, June 2000.
- 53) Interactive effects in the Anterior Cingulate of Sadness and Selective Attention. A PET study. Oral presentation at the annual meeting of the Society of Biological Psychiatry, Chicago, IL, May 2000.
- 54) Behavioral, hemodynamic and electrophysiological correlates of impaired attention during negative mood. Invited lecture, Rice University, Department of Psychology, colloquium, March 2000.
- 55) Anterior Cingulate effects in Clinical Depression and Normal Sadness. Invited talk - NARSAD-Lilly meeting, New York City, October 1999.
- 50) ERP correlates of attentional impairment during intense sadness. Oral presentation at the annual meeting of the Society of Biological Psychiatry, Washington DC, May 1999.
- 56) Functional Imaging: An Overview of general methods and clinical applications. School of Physical Therapy, December 7 1998.
- 57) An fMRI Study of the effects of TV Violence viewing in Children. Invited talk, Annual Meeting of the Texas Association Concerned with School Age Parenthood of Concerned Parenthood, November 4th 1998.
- 58) Functional Imaging studies of cerebral plasticity. Invited talk, Annual Meeting of the Texas Brain Injury Association, Aug 28 1998.
- 59) Activations in visual cortex by language and non-language tasks in the congenitally blind: A PET study. Oral presentation at the 4th International Conference of Functional Mapping of the Human Brain, Montreal, CAN, June 7-12 1998.
- 60) Cognitive Neuroscience of Attention. Cognitive Science Seminars, Department of Philosophy, University of Texas at Austin, invited lecture, Dec 4 1997.
- 61) Behavioral, Electrophysiological and Blood Flow studies of mood provocation. Invited lecture, Department of Psychiatry, University of Modena, Italy, June 26 1997.
- 62) Functional Imaging studies of cerebral plasticity. Pediatrics Grand Rounds, Univ. of Texas Health Science Center at San Antonio, Feb 27 1997.
- 63) Functional reorganization in the human brain. Neurology Grand Rounds, Univ. of Texas Health Science Center at San Antonio, Oct 24 1996.
- 64) A cognitive neuroscience approach to disorders of Visual Attention. Department of Psychology, Univ. of Texas at Austin, Dec 3 1996.
- 65) A PET study of Visual Attention for Letter Shapes. Oral presentation at 1st International Congress of Brain Mapping of the Human Brain, Paris, (France), June 1995.

- 66) A Positron Emission Tomography Studies of Emotion and Attention. Psychiatry Grand Rounds, Veteran Administration Hospital, Minneapolis, MN, Mar 25 1995.
- 67) Induced sadness: A model of clinical depression? Positron Emission Tomography evidence. Cognitive seminar, Dept. of Psychology, Univ. of Oregon, Eugene, OR, Apr 1994.
- 68) Emotion in asymmetric cortico-limbic networks. Cognitive Science Club, Depart. of Psychology, Univ. of Texas at Austin, TX, Feb 1994
- 69) Dynamic mapping of scalp electrical fields: A window into the temporal activation of cortical networks. Dept. of Psychology, Univ. of Austin, TX, May 1993
- 70) Spatio-temporal analysis of brain electrical fields. Neurology Grand Rounds, Univ. of Texas Health Science Center at San Antonio, San Antonio, TX, Feb 92
- 71) The influence of depression on hemispheric processing. Dept. of Psychology, Univ. of Oregon, Eugene, OR, March 1991.

INSEGNAMENTO (ultimi 10 anni)

Corsi Laurea in Psicologia

- Psyc382: Neuroscienze Cognitive: Primavera 2005; Primavera 2007; Autunno 2007; Primavera 2010; Estate 2011; Autunno 2012; Autunno 2014
- Psyc391: Emozione e Motivazione: Primavera 2014; Estate 2015. Corso disegnato e sviluppato da me.
- Psyc387: Neuropsicologia Umana: Primavera 2008
- Psyc325: Memoria e Apprendimento: Autunno 2011; Primavera 2013; Autunno 2013

Corsi di Master o Dottorato:

- Psyc600: Neuroscienze Cliniche: Primavera 2008; Autunno 2009; Primavera 2012; Autunno 2013
- Psyc980/482: Neuroscienze Affettive e Sociali: Primavera 2012; Primavera 2013; Autunno 2013; Autunno 2014

SUPERVISIONE DI STUDENTI

8 Studenti di Dottorato (Primary Supervisor)

Isabel Taake, Patrick Carolan, Killian Kleffner (in corso)

Fern Jaspers-Fayer (completato Luglio 2014), Valery Sramko (completato Maggio 2014), Deyar Asmaro (completato Giugno 2014), Jennifer Barrie (completato Giugno 2013), Eleni Georgiadi-Nixon (completato Ottobre 2007, University of Nottingham, UK).

6 Studenti di Dottorato (Secondary Supervisor)

John Gaspar (Sett 2016), Satvir Minhas, University of Hull, UK (Tesi Dec 2005), Delia Kothmann, Rice University, Houston, TX (Tesi Giugno 2006), Kellie Higgins, Educational Psychology, Univ. of Texas at Austin (Tesi Giugno 2006), Bruce Caughran, Department of Psychology, University of Texas at Austin (Tesi Agosto 2006), Rachel Robillard, Educational Psychology, Univ. of Texas at Austin (Tesi Agosto 2002).

3 Studenti di Master

Adam Burnett (in corso)

Regard Booy (completato Aprile 2016), Adam Baker (completato Aprile 2016)

Allievi Post-Dottorato

Steven Brown, PhD, (2005-2008), Deyar Asmaro (2015-2016)

Studenti con Honour Thesis

Shannon Wright, Huan Wang (Aprile 2015); Ryan Carlson, Golnoosh Saeedi Nejad (Aprile 2014); Regard Booy (Aprile 2013); Osamu Takai, Shawna Galley, Deyar Asmaro (Maggio 2009); Isabel Taake, Lisa Buchy (Maggio 2006), Rohitashwa Sinha, Shoba Poduval (Univ. of Nottingham, June 2003),

Tesi di Baccalaureato (UK)

Sarah Anderson, Sarah Bell, Deborah Begg, Alice Watt, (Universita' di Aberdeen).

TRAINING DI RICERCA (presente)

Manager del Laboratorio: Killian Kleffner (dal 2011).

Funzioni: Supervisiona attività di ricerca nel laboratorio, sotto la mia direzione; Reclutamento e training di tutti in membri del laboratorio, in particolare degli assistenti di ricerca prelaurea. Organizza incontri di laboratorio regolari (ogni 2-3 settimane) e journal clubs (ogni mese).

Senior Research Assistant: Megan Liau (dal 2013). Recluta soggetti per esperimenti, prepara soggetti per studi EEG, conduce sessioni sperimentali, coordina assistenti junior.

Junior Research Assistants: Carson Lake, Regard Booy, Marlene Bonjar, Gabriela Pawlowski: Assistono nella preparazione di soggetti per sessioni EEG e nella raccolta di questionari.

In passato, ho addestrato per la ricerca nel laboratorio che dirigo (dal 2006), 5 Assistenti di Ricerca prelaurea, 7 studenti di Master, 4 studenti di Dottorato, ed 1 allievo post-doc (Steven Brown).

SOCIETA':

Ordine Italiano dei Medici Chirurghi, 1981-1988

Society for Neuroscience, 1993-2000

International Neuropsychological Society, 1989-1992

Cognitive Neuroscience Society, dal 1993 al presente

Society of Psychophysiology, 1995-1998

American Academy of Neurology, 1999-2005

British Neuropsychological Society, 2002-2006

Society for Biological Psychiatry, dal 2008 al presente

ATTIVITA' EDITORIALE:

Editorial and Advisory Board, Brain and Cognition, Aug 1996-present.

Ad-hoc reviewer:

Biological Psychiatry, Psychophysiology, American Journal of Psychiatry,

Brain and Language, Experimental Brain Research, Cognitive Brain Research,

Human Brain Mapping, Neuroimage, Brain, Cortex, Neuron, Neuropsychologia

ATTIVITA' COLLEGIALE:

- 2011-2016 Canada Institutes of Health Research Behavioural Sciences B (BSB) Committee. Invited member
- 2009-2016 Natural Sciences & Engineering Research Council of Canada, ad-hoc grant reviewer
- 2007 Gen-2010-Dec BC Mental Health and Addictions Research Network, Chair
- 2005 Fall-2010-Dec BC Mental Health and Addictions Research Network, member and SFU representative, reviewer
- 2005 July-2012 Sett Cognitive-Biological Area Coordinator, Department of Psychology, SFU
- 2005 July-2012 Sett Chair's Advisory Committee, Department of Psychology, SFU
- 2005 Giu-present Principal Investigator, Down Syndrome Research Foundation, Burnaby
- 2004-present Member of the Brain Research Centre, University of British Columbia
- 2004 Nov-2012 Mar Member of the Career Investigator Program, Michael Smith Foundation Clinical Research panel, BC, Canada
- April 2004 Symposium organizer: "Neuroimaging and Neuropsychiatry- Challenges and new Avenues". 1st Joint Meeting of the European Neuropsychological Societies, Modena, Italy,
- 2002-2003 Member of the Ethical Committee, Dept. Psychology, Univ. of Aberdeen
- 2002-2004 Treasurer, Alamo chapter of the Society for Neuroscience
- 2000-2001 Member of the Institutional Review Board, UTHSCSA
- 1998-2001 Member of the Executive Committee, Research Imaging Center, UTHSCSA
- 1995-2001 Member of the Medical Admissions Committee, UTHSCSA