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**Saturday, October 13**

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Saturday, 8:30-10:00 AM

*Salon A*

### **Symposium 11**

#### **Dynamics of functional architecture in human cerebral cortex- from neuroplasticity to neurorehabilitation**

**Chair:** Thomas Elbert & Herta Flor  
*University of Konstanz*

#### **Two different manifestations of plasticity in the human auditory cortex**

Robert J. Zatorre & Virginia B. Penhune  
*McGill University*

#### **Pitch perception and auditory learning modify the human auditory cortex**

Christo Pantev  
*Rotman Research Institute for Neuroscience*

#### **Modification of human tonotopic and somatotopic representations by training at frequency discrimination**

Larry E. Roberts, Daniel J. Bosnyak, & William C. Gaetz  
*McMaster University*

#### **Cortical reorganization-new approaches to rehabilitation**

Herta Flor  
*Central Institute of Mental Health,  
Mannheim*

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Saturday, 8:30-10:00 AM

*Salon B*

## **Symposium 12**

### **Individual differences in startle modulation: Measuring affective and attentional processes in children and adults**

**Chair:** Mark H. McManis  
*Rice University*

### **Attenuation of startle in maltreated children**

Rafael Klorman, Dante Cicchetti, Joan  
Thatcher, & James R. Ison  
*University of Rochester*

### **Contributions to the understanding of startle modulation in children: Gender, temperament, and fear**

Mark H. McManis<sup>1</sup>, Jerome Kagan<sup>2</sup>, &  
Nancy C. Snidman<sup>2</sup>  
<sup>1</sup>*Rice University*, <sup>2</sup>*Harvard University*

### **Affective individual differences and startle modification by emotion and prestimuli**

Larry W. Hawk, Jr. & Audrey D. Kowmas  
*State University of New York, Buffalo*

### **Anxiety and defensiveness: Individual differences in valence modulation of startle**

Richard O. Temple & Edwin W. Cook III  
*University of Alabama, Birmingham*

### **Discussant: Terry D. Blumenthal**

*Wake Forest University*

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Saturday, 10:00-10:30 AM

*Foyer Salle de Bal*

### **Coffeebreak**

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Saturday, 10:30-11:00 AM

*Salle de Bal Est*

### **Award for Distinguished Early Career Contribution to Psychophysiology**

#### **Towards the functional significance of the ERP effect during mental rotation**

Martin Heil  
*University of Hull*

**Chair:** Christopher J. Patrick  
*University of Minnesota*

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Saturday, 11:00-11:30 AM

*Salle de Bal Ouest*

### **Seating for Presidential Address, Luncheon and General Business Meeting**

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Saturday, 11:30 AM-12:30 PM

*Salle de Bal Ouest*

### **Presidential Address**

#### **The architecture of emotion: Form, function, and dysfunction**

Robert W. Levenson  
*University of California, Berkeley*

**Chair:** Richard J. Davidson  
*University of Wisconsin, Madison*

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Saturday, 12:30-3:30 PM

*Salle de Bal Ouest*

### **Luncheon and General Business Meeting**

**Chair:** Robert W. Levenson  
*University of California, Berkeley*

### **Tursky Award for Outstanding Student Poster Presentation**

**Chair:** Richard J. Davidson  
*University of Wisconsin, Madison*

### **Award for Distinguished Contribution to Psychophysiology**

**Chair:** Robert W. Levenson  
*University of California, Berkeley*

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Saturday, 3:30-5:00 PM

*Salon A*

### **Symposium 13**

#### **Affective and attentional startle modulation in depression**

**Chair:** Nicholas B. Allen  
*University of Melbourne*

#### **Prepulse inhibition and affective startle modulation in clinical depression and anxiety**

Nicholas B. Allen, Ann Keong Yap,  
Patricia Di Parsia, Sarah Adey, Sika  
Foverskov, & Julian Simmons  
*University of Melbourne*

#### **Valence modulation and prepulse inhibition of startle among outpatients with Major Depressive Disorder and controls**

Larry W. Hawk, Jr., John Roberts, &  
Anne Shapiro  
*State University of New York, Buffalo*

**Distinguishing affective dimensions contributing to emotion-modulated startle in depression**

J.B. Nitschke, C.L. Larson, & R.J. Davidson  
*University of Wisconsin, Madison*

**Affective startle modulation and childhood-onset depression: Effects of bipolar course and comorbid early-onset anxiety**

Erika E. Forbes<sup>1</sup>, Anita Miller<sup>1</sup>, Jeffrey F. Cohn<sup>1</sup>, Nathan A. Fox<sup>2</sup>, & Maria Kovacs<sup>1</sup>  
<sup>1</sup>*University of Pittsburgh*, <sup>2</sup>*University of Maryland*

**Discussant: Edwin W. Cook III**

*University of Alabama, Birmingham*

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Saturday, 3:30-5:00 PM  
*Salon B*

**Symposium 14****Neurophysiology of language**

**Chair:** Friedemann Pulvermuller  
*Medical Research Council, Cambridge*

**The perception of speech sounds and words by the human brain as reflected by the mismatch negativity (MMN) and its magnetic equivalent (MMNm)**

Risto Näätänen  
*University of Helsinki*

**Neurophysiological indicators of word types and serial order**

Friedemann Pulvermuller, Ramin Assadollahi, Yury Shtyrov, & Olaf Hauk  
*Medical Research Council, Cambridge*

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**Neurophysiology of syntax and semantics**

Lee Osterhout, Mark Allen, & Judith  
McLaughlin  
*University of Washington*

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5:00-7:30 PM

**Dinner (on your own)**

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Saturday, 7:30-9:30 PM

*Salle de Bal Centre*

**Poster Session III**

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Saturday, 9:30 PM-12:00 AM

*Salle de Bal Est*

**Saturday Night Social**