

# Call for Applications



# European Pain School an educational project of IASP

# 2016



## Pain: Neurons, Gender and Society

5-12 June 2016

University of Siena, Certosa di Pontignano, Siena, ITALY

### Topics

- Views into the brain: a pain matrix/signature/fingerprint
- Genetic and epigenetic sources of pain variability
- Social and economic impact of pain
- Sex, gender, gonadal hormones and pain
- “Catastrophizing”: thoughts that amplify pain
- Conditions featuring spontaneous pain
- Pain in the trigeminal region
- Who will develop chronic pain?
- Glia-neuron interactions as pain mechanisms
- Central pathways of pain modulation: inhibition and facilitation
- Situational, cognitive and emotional control of pain
- Placebo and verum analgesia – roles in therapeutic outcome
- Opioids and cannabinoids: links between pain and mood enhancement
- Phantom pain, pain memory and cortical plasticity
- Pain and consciousness
- Plasticity of ionic channels and inhibitory synaptic networks
- How do spontaneous and evoked pain differ?
- The challenge of animal models of spontaneous pain

www.EuropeanPainSchool.eu

### Scholars

Young scientists at the Ph.D. or postdoctoral levels in all fields of pain science and pain medicine are encouraged to apply.

### Applications

Exclusively online at [www.EuropeanPainSchool.eu](http://www.EuropeanPainSchool.eu)

**Deadline: 8 February 2016**

### School Board

Anna Maria **Aloisi**, *Director* • Giancarlo **Carli**  
Marshall **Devor** • Jordi **Serra** • Manfred **Zimmermann**

### Faculty

Anna Maria **Aloisi**, *Siena, Italy*  
Giancarlo **Carli**, *Siena, Italy*  
Luana **Colloca**, *Baltimore, MD, USA*  
Beth **Darnall**, *Stanford, CA, USA*  
Marshall **Devor**, *Jerusalem, Israel*  
Maria Adele **Giamberardino**, *Chieti, Italy*

Sean **Mackey**, *Stanford, CA, USA*  
William **Maixner**, *Chapel Hill, NC, USA*  
Jeffrey **Mogil**, *Montreal, QC, Canada*  
Jordi **Serra**, *Barcelona, Spain*  
Irmgard **Tegeder**, *Frankfurt, Germany*  
Manfred **Zimmermann**, *Heidelberg, Germany*

