

## IGS 2017: the 18th Conference of the International Graphonomics Society

Gaeta (Italy) 18-21 June, 2017. <http://www.graphonomics.org/igs2017>

Endorsed by IAPR - International Association of Pattern Recognition

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### Final call for papers

We are pleased to announce the eighteenth edition of the biennial conference of the International Graphonomics Society that will take place from 18 to 21 June 2017 in Gaeta, along the central western coast of Italy.

The Conference theme is “Graphonomics for e-citizens: e-health, e-society, e-education” and will be a single track international forum for discussion on recent advances in the fields of science and technology of handwriting and other graphic skills, and their impact on the daily life within the e-society.

### Topics of interest (but not limited to) are:

- *Neuroscience*: Development, planning and control of writing and drawing movement;
- *Handwriting generation*: Biomechanical models; Cognitive models; Neural network based models;
- *Handwriting analysis*: Recording; Tracking; Processing; Tools;
- *Handwriting recognition*: Human reading; Pen computing; On-line and off-line recognition; Interface technology;
- *Handwriting education*: Handwriting and drawing skill evaluation; Teaching handwriting; Learning handwriting;
- *Medical applications*: Handwriting disorders; Disorders and drugs; Brain-computer interfacing;
- *Forensic applications*: Handwriting features; Writer identification and verification; Signature verification; Methods and Computer Tools (e.g. personnel screening devices, etc.);
- *Cultural Heritage application*: Historical document analysis and processing; Palaeography; Large digital archives: systems, tools and technologies.

### Important dates:

- **Paper submission:** February 5, 2017
- **Author notification:** March 15, 2017
- **Camera-ready version:** April 30, 2017
- **Author registration:** April 30, 2017

### **Invited speakers**

- *Prof. Marc H. Schieber*, Head of the Neural Control of Hand and Finger Movements Laboratory, University of Rochester Medical Center, School of Medicine and Dentistry.
- *Prof. Oliver Tucha*, Head of the Department of Clinical and Developmental Neuropsychology, Faculty of Behavioural and Social Sciences, University of Groningen.
- Dr. Heidi H. Harralson, Managing Partner of Spectrum Forensic International, LLC

### **Special Issues**

- *Pattern Recognition Letters*: a special issue is scheduled in conjunction with the IGS Conference on the same topics of the Conference in the fields of Handwriting Analysis and Recognition and Cultural Heritage Applications.
- *International Journals of Forensic Document Examination*: a special issue is scheduled in conjunction with the IGS Conference on the same topics of the IGS Conference in the field of forensic applications.
- *Human Movement Science*: a special issue is scheduled in conjunction with the IGS Conference on the same topics of the IGS Conference in the field of Neuroscience and Neural Engineering.

### **Special Sessions**

The conference will host two special sessions:

- A special session on “*Graphonomics for Cultural Heritage*”;
- A special session on “*Sensory and Motor Brain-Machine-Interfaces for Grasping and Manipulation: From Basic to Clinical Applications*”.

### **General Chairman:**

Claudio De Stefano, University of Cassino and Southern Lazio, ITALY

### **Co-chairman:**

Angelo Marcelli, University of Salerno, ITALY

### **Steering Committee**

Prof. José Contreras-Vidal (USA)  
Prof. Marcus Liwicki (Germany)  
Prof. Masaki Nakagawa (Japan)  
Prof. Réjean Plamondon (Canada)  
Dr. Celine Remy (France)  
Prof. Sara Rosenblum (Israël)  
Dr. Hans-Leo Teulings (USA)  
Prof. Arend Van Gemmert (USA)  
Dr. Jean-Luc Velay (France)  
Prof. Annie Vinter (France)

### **Submission details**

Submitted papers should fall in one of the following categories: survey or tutorial, research and on-going research. For further details about the submission procedure, see the conference website.

For further information about the Conference, please visit <http://www.graphonomics.org/igs2017>

For more information about the Society, please visit: <http://www.graphonomics.org>

### **Sponsors**

