



17th International Graphonomics Society Conference (IGS2015)

DEADLINE EXTENSION

Paper Title Due:
Dec 12, 2014

Paper Submission:
Jan 9, 2015

University of the French West Indies & Guiana Guadeloupe, June 21-24, 2015

We are pleased to announce that the 17th Conference of the International Graphonomics Society. IGS2015 will take place at the campus of Fouillole, one of the Guadeloupien campuses of the University of the French West Indies & Guiana (UAG).

The theme of the Conference is "**Drawing, Handwriting Processing and Analysis: New Advances and Challenges**". IGS2015 will be a single track international forum for discussion on recent advances in the fields of science, humanities, arts and technology of Graphonomics.

Honorary Chair

Réjean Plamondon (Canada)

Conference Chair

Céline Rémi (Guadeloupe)

Conference Co-Chair

Lionel Prevost (Guadeloupe)

Program Chair

Eric Anquetil (France)

Program Committee

Adel Alimi (Tunisia)
Andreas Dengel (Germany)
Andreas Fischer (Canada)
Angelo Marcelli (Italy)
Anna Barnett (UK)
Annie Vinter (France)
Arend Van Gemmert (USA)
Bilan Zhu (Japan)
Ching Suen (Canada)
Claudio De Stefano (Italy)
Guiseppe Pirlo (Italy)
Hans-Leo Teulings (USA)
Heidi Harralson (USA)
Jose Luis Contreras-Vidal (USA)
Josep Lladós (Spain)
Marcus Liwicki (Germany)
Masaki Nakagawa (Japan)
Nicole Vincent (France)
Richard Guest (UK)
Sara Roseblum (Israel)
Seiichi Uchida (Japan)
Toshiyuki Kondo (Japan)
Umapada Pal (India)

Topics

Neuroscience: Development, planning, control, learning & adaptation of grasping, writing & drawing movements; Neuroimaging; Brain mapping.

Computational models: Biomechanical models; Cognitive models; Handwriting perception and production; Neural networks.

Forensic science: Handwriting analysis; Handwriting features; Signature verification; Methods; Computer tools.

Pattern recognition: Off-line and on-line handwriting recognition; Writer identification and recognition; Signature verification.

Historical document processing and archiving: Image processing; Document retrieval; Digital museum.

Education: Handwriting evaluation; Teaching/Learning handwriting; Handwriting in education.

Fine arts: Drawing skill evaluation; Teaching/Learning drawing & painting; Writing music; History of writing/drawing in fine arts & music.

Analysis of fine motor function: Recording; Tracking; Processing; Handwriting production; Tools.

Medical applications: Movement disorders; Biomarkers and drugs; Rehabilitation therapies.

Other applications: Brain-Machine/Computer Interfaces; Assistive & Rehabilitative robotics; Bio-robotics; Pen & touch-base Interfaces.

Paper submission

Submit a paper (4-pages long, see Conference Website for template) falling in one of the following categories:

Survey or tutorial papers should present the state of the art for any of the topics listed above, possibly focusing on the role that inter-disciplinarity has played in shaping that specific field.

Research papers should describe either theoretical or experimental works that have reached conclusive results.

On-going research papers should describe partial/preliminary results, successful applications of well-known techniques to specific domains, original or enhanced algorithms, or experimental methodologies.

Selected papers will be submitted in Special Issue of journals : Human Movement Science, IEEE Transactions on Human-Machine Systems and the journal of Forensic Document Examination.

Important dates

12 December, 2014

9 January, 2015

28 February, 2015

28 March, 2015

28 March, 2015

Paper Title Due

Paper Submission

Notification of acceptance/rejection

Camera Ready Papers Due

Advanced Author Registration

Website: <http://www.graphonomics.org/igs2015/>

Contact: Céline REMI at cremi@univ-ag.fr or Lionel PREVOST at lprevost@univ-ag.fr

