

*CALL FOR PAPERS*

# 16th International Graphonomics Society Conference (IGS2013)

Nara, JAPAN, June 10-13, 2013

[www.graphonomics.org](http://www.graphonomics.org)

## Venue

The campus of Todaiji Temple (<http://en.wikipedia.org/wiki/Todai-ji>) in Nara, Japan. Todaiji is the largest wooden building in the world. Nara is the ancient capital of Japan and 1.5 hour from the Kansai International Airport. Visit <http://narashikanko.jp/en/>.

## Theme

The Conference theme is “**Learn from the Past**”. Papers on advances in the fields of science, humanities, arts and technology of graphonomics will be considered for publication in Special Issues of Human Movement Science and several others.

## Topics

### Neuro science and Brain science:

Development, planning, control, learning and 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 and 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Historical document processing and archiving: Image processing; Document retrieval; Digital museum.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 control: Recording; Tracking; Processing; Handwriting production; Tools.

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

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

## General Chair

Masaki Nakagawa  
Tokyo Univ. of Agriculture and Technology, Japan

## Advisory

Annie Vinter  
University of Bourgogne, France

## Program Committee

Jose Luis Contreras-Vidal  
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Fujitsu Lab., Japan  
Akihiro Watanabe  
Nara National Research Institute for Cultural Properties, Japan

## Important dates

Paper submission: December 10, 2012  
Author notification: February 1, 2013  
Camera-ready version: March 1, 2013  
Author registration: March 1, 2013

## Submission details

Submit a paper (4-pages long, see Conference Website for template) falling in one of the following categories: survey or tutorial, research and on-going research.

**Survey or tutorial papers** should present the state of the art for any of the topics listed, 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.

## Further Information

Visit [www.graphonomics.org](http://www.graphonomics.org)

Contact Conference Chair, Prof. Masaki Nakagawa at [nakagawa@cc.tuat.ac.jp](mailto:nakagawa@cc.tuat.ac.jp)

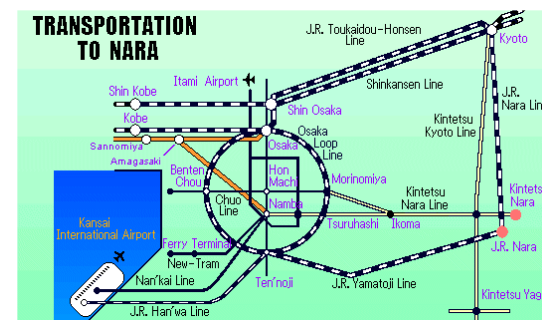
Receive email updates on IGS2013, register for the Member Forum at [www.graphonomics.org](http://www.graphonomics.org) (no cost)



Great Buddha Hall of Todaiji



Daiguden (rebuilt) of Heijo Palace Site



Transportation to Nara