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## About IEEE GrC2014

Granular Computing (GrC) is a general computation theory for effectiveness using granules such as subsets, neighborhoods, tuples (ordered subsets), relations (subsets of Cartesian products), fuzzy sets (membership functions), variables (measurable functions), Turing machines (algorithms), and intervals to build an efficient computational model for complex with huge amounts of data, information and knowledge.

IEEE GrC 2014 will continue to address the issues related to Granular Computing and its applications. IEEE GrC 2014 will provide researchers from universities, laboratories and industry to present state-of-the-art research results and methodologies in theory and applications of granular computing, including rough sets as special form for granulation. The conference will also make it possible for researchers and developers to highlight their new research directions and new interactions with novel computing models.

IEEE GrC2014, the 10th IEEE GrC conference, will be held in Noboribetsu, one of the most famous hot springs in Japan, during 22-24 October, 2014.

## Important Dates

- |  |                            |                        |
|--|----------------------------|------------------------|
| • Deadline for Workshop/Tutorial Proposal:         | <del>April 30, 2014</del>  | <b>Extended</b>        |
| • Deadline for Special/Organized Session Proposal: | <del>May 31, 2014</del>    | <b>June 30, 2014</b>   |
| • Deadline for Paper Submission:                   | <del>June 13, 2014</del>   | <b>July 31, 2014</b>   |
| • Notification of Acceptance/Rejection:            | <del>July 11, 2014</del>   | <b>August 20, 2014</b> |
| • Deadline for Camera-ready Submission:            | <del>August 11, 2014</del> | <b>Sept. 15, 2014</b>  |

## Topics of interest

The topics and areas include, but are not limited to:

- |                                     |                            |                                |
|-------------------------------------|----------------------------|--------------------------------|
| • Granular Computing                | • Cloud Computing          | • Data Visualization           |
| • Fuzzy/Rough Sets                  | • Web Intelligence         | • Image Processing             |
| • Formal Concept Analysis           | • Database                 | • Bioinformatics               |
| • Data Intelligence                 | • Knowledge-based Systems  | • Medical Informatics          |
| • Clustering                        | • Knowledge Representation | • Multi-media Application      |
| • Machine Learning                  | • Multi-agent System       | • Kansei/Affective Engineering |
| • Neural Networks                   | • Information Integration  | • Human/Computer Interaction   |
| • Evolutionary Computing            | • Uncertainty Management   |                                |
| • Probabilistic/Stochastic Learning | • Information Integration  |                                |
|                                     | • Feature Selection        |                                |

## Paper Submission and Publication

All paper submission will be electrically done, as indicated in the instruction in the conference web site (<http://ieeegr2014.org/>). All full-length paper should be formatted in accordance with IEEE Computer Society Proceedings Manuscript Formatting Guidelines and should not exceed 6 pages. All papers will be peer reviewed and accepted papers will be published by the IEEE Press. All accepted papers are indexed by EI and ISTP. A selected number of the accepted papers will be invited to be further expanded and revised for possible inclusion in the special issue of International Journal for Data Mining and Bioinformatics (SCIE) or Journal of Advanced Computational Intelligence and Intelligent Informatics (JACIII).

## Contact Information

Inquiries about the conference should be directed to [info@ieeegr2014.org](mailto:info@ieeegr2014.org)