



Special Issue on

# RELATIONSHIP of ORTHOGONAL POLYNOMIALS and SPECIAL FUNCTIONS with QUANTUM GROUPS and INTEGRABLE SYSTEMS

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## » TOPICS

- **hypergeometric functions and harmonic analysis on (quantum) groups**
- **Painlevé equations and special functions**
- **orthogonal polynomials and special functions in relation to integrable quantum many-body systems and Cherednik algebras**
- **correlation functions in integrable quantum field theories and in integrable models from statistical physics**

Deadline for paper submission is April **30, 2011**

Both original research articles and review papers will be considered (not having been published elsewhere)

There is no limit to the length of an article

All articles will go through the standard peer reviewing procedure of SIGMA

Submitting a paper to the issue can be performed in two easy ways:

submit the paper to the **arXiv.org** and send the archive number to **editor@sigma-journal.com**

or send zipped paper in TeX/LaTeX format directly to **editor@sigma-journal.com**

