──Special Section on Recent Progress in Verified Numerical Computations──

We are pleased to announce the special section of IEICE's journal, "Nonlinear Theory and Its Applications, IEICE" to be published in July 2015. The major part of this issue will consist of the special section focusing on recent progress in the field of verified numerical computations. The topics of interest within the scope of this Special Section include, but are not limited to, the following areas :

- ・ Computer-assisted proofs for nonlinear problems using verified numerical computations
- ・ Verified numerical linear algebra as the base of treating nonlinear problems
- ・ Verified numerical computations for dynamical systems
- ・ Mathematics for verified numerical computations
- ・ Applications of verified numerical computations in science and engineering

The submitted papers will be handled by the Editorial Committee of the Special Section, and peer-reviewed by anonymous referees. The deadline of the paper submission is August 31, 2014. Prospective authors are requested to follow carefully the submission process described below :

Submit a paper using the IEICE Web site (https://review.ieice.org/regist/regist_baseinfo_e.aspx) by August 31, 2014.

Authors should choose "[Special-VN] Verified Numerical Computations" as a "Journal/Section" on the line screen. Do not choose "[Regular-EN]".

Inquiries :

> Akitoshi TAKAYASU, Department of Applied Mathematics, Waseda University
>
> 3-4-1　Okubo, Shinjuku, Tokyo 169-8555, Japan
>
> E-mail : takitoshi@aoni.waseda.jp
>
> FAX : +81-3-5286-3330 (please attach a cover sheet indicating "From YOUR NAME" as the sender together with "To Dr. Akitoshi Takayasu" as the receiver.)

For additional guidelines on manuscript preparation, please visit the following web site :

http://www.nolta.ieice.org/data/authors.html

Authors must agree to the "Copyright Transfer and Article Charge Agreement" via electronic submission.

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