
fuzzy digest

1 message

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Sun, Mar 8, 2026 at 1:02 PM

To: "nafips-l@listserv.gsu.edu" <nafips-l@listserv.gsu.edu>, "eusflat.members@lists.iiaa.csic.es" <eusflat.members@lists.iiaa.csic.es>, "members.list@eusflat.org" <members.list@eusflat.org>

This email is sent:

- * to NAFIPS and EUSFLAT mailing lists and
- * to all the members of IFSA Council, i.e., to IFSA elected officers
and to the Presidents of all fuzzy societies that form IFSA; please
forward this digest to members of your fuzzy society.

Table of Contents:

- * Congratulations to all female researchers with the International
Women;s Day!

- * Sad news: Carol Walker, a specialist in mathematical methods in
fuzzy -- especially type-2 fuzzy -- and a co-author of one of the
most popular fuzzy textbooks, passed away, see below

- * Deadline for submissions to the 12th International Joint
Conference on Rough Sets IJCRS 2026, Cadiz, Spain, May 26-29, 2026,
has been extended to March 15, 2026, see below

- * Fuzzy-related papers are welcome at the Minisymposium on High
Performance Computing Interval Methods at the 16th International
Conference on Parallel Processing and Applied Mathematics PPAM 2026,
Poznan, Poland, August 30 - September 2, 2026, deadline for
submissions April 24, 2026, see below

From: John Harding <hardingj@nmsu.edu>

Sent: Thursday, February 26, 2026 6:20 AM

Subject: Carol Walker

Hi everyone,

I have the sad news that Carol Walker passed away last night at her house with her family nearby.

Carol and Elbert Walker were primary figures in the department for many decades. Beginning in the 1960's, they were key ingredients in large scale grants that brought about rapid expansion and helped transform us into a thriving research department. Many of our emeritus faculty came aboard during these years. Later, Carol served as Department Head from 1979 - 1993 overseeing a department with 32-34 tenure-track faculty. Carol then moved to Associate Dean for our College. Carol did a great deal of service and administration in the benefit of others but always remained a research mathematician. She was the first female PhD graduate from NMSU, authoring her first paper with Elbert in 1962 "Splitting properties of high subgroups" and her last with me in 2020 "A typos view of the type-2 fuzzy truth value algebra". MathSciNet lists 44 of her publications, ResearchGate lists 77 publications and over 2400 citations. Many of these publications were textbooks, and often well-used, such as the book "A first course in fuzzy logic" with Elbert and Hung Nguyen. More detail on Carol can be found in her Wikipedia page and in a newsletter we published last year.

https://en.wikipedia.org/wiki/Carol_Walker

https://math.nmsu.edu/_assets/documents/2024-25_NewsLetter.pdf?utm_source=chatgpt.com

Carol was a wonderful person and a great friend. She was kind, wise, soft-spoken and tough as nails. She leaves behind a wonderful extended family, many many friends and colleagues, a department that owes her and Elbert a huge debt.

John

From: Jesus Medina <jesus.medina@uca.es>

Dear Colleagues,

We already have the final list of Keynote Speakers of the International Joint Conference on Rough Sets (IJCRS 2026), which will take place in Cadiz (Spain) from May 26 to May 29, 2026:

<https://ijcrs2026.uca.es/keynote-speakers/>

We hope you can participate in the most significant conference on Rough Set Theory, co-organized with three interesting workshops:

Soft Computing and Fuzzy Logic: Advances, Synergies, and Applications, see <https://ijcrs2026.uca.es/scfl/>

Conceptual structures and set approximations: A dialogue between Formal Concept Analysis and Rough Sets, see <https://ijcrs2026.uca.es/cssa/>

Mesosopic Cognitive Machine Learning, see <https://ijcrs2026.uca.es/mcml/>

Furthermore, we warmly invite you to submit an Extended Abstract. They are an excellent opportunity to share your research with the Rough Sets community. We welcome submissions describing work-in-progress as well as research that has been published

elsewhere during the past year.

- SUBMISSION DEADLINE: MARCH 18TH, 2026
- Submission details: <https://ijcrs2026.uca.es/submission/>

Should you have any questions or require further information, please do not hesitate to contact us.

We encourage you to share this call with your colleagues, research groups, and students who might be interested in participating.

I would also like to share with you the Instagram and Twitter accounts:

Instagram: <https://www.instagram.com/ijc.rs/>

Twitter/X: <https://x.com/ijcrs2026?s=21>

We look forward to reading your contributions and welcoming you to Cádiz!

Recall that Cadiz is a coastal city in southwestern Spain, known for its stunning beaches and ancient heritage. Often considered the oldest continuously inhabited city in Western Europe, Cadiz boasts over 3,000 years of history, with roots tracing back to the Phoenicians. https://youtu.be/2K4cGqRW_hc

Best regards,

Roberto G. Aragón

Jihong Wan

Yiyu Yao

Program Chairs, IJCRS 2026

Jesus Medina Moreno

Catedratico de Universidad / Full Professor

Mathematics for Computational Intelligence Systems (M-CIS)

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Fuzzy-related papers are welcome at the

Minisymposium on High Performance Computing Interval Methods

Two major measures of the quality of high performance computations are numerical accuracy and efficiency.

Interval methods are a class of algorithms that are accurate and even allow to obtain a guaranteed result. They also provide a useful and appropriate tool to describe the uncertainty of parameters, discretization inaccuracy and numerical errors.

Nevertheless, they are usually time consuming and memory demanding.

Hence, all attempts to increase their efficiency are required and valuable: parallel implementations, use of new data structures, improved algorithms.

The Minisymposium is going to provide a forum for interval researchers to share their experiences and present possible improvements to the algorithms and successful applications.

Topics of interest include (but are not limited to):

- parallelization of interval methods, in particular on multi-core architectures, supercomputers, grids or clouds,

- the use of GPU computing and hybrid architectures for interval analysis,
- the use of BLAS, LAPACK, novel data formats and data structures for interval computations,
- collaboration of interval software with schedulers, efficient filesystems, and other high-performance-related tools,
- auto-tuning of interval algorithms,
- global optimization/equations solving methods,
- interval linear systems, and linear systems with interval parameters,
- ordinary and partial differential equations,
- fuzzy numbers and fuzzy calculus,
- collaboration of interval methods with AI and/or quantum algorithms,
- practical applications of interval scientific computing algorithms, including machine learning ones.

The Minisymposium is a part of the PPAM 2026 16th International Conference on Parallel Processing and Applied Mathematics

<https://ppam.edu.pl/>

As the PPAM 2026 Conference, the Minisymposium is going to take place in Poznan, Poland, on August 30-September 2, 2026.

All rules of the PPAM 2026 Conference apply, including the deadlines, required format of the abstracts/papers, and their submission via the EasyChair system of PPAM. THE DEADLINE FOR SUBMISSIONS IS APRIL 24, 2026.

Please, send all your questions to Bartłomiej Jacek Kubica -- the preferred address is: bartlomiej.jacek.kubica@gmail.com.

Persons responsible for the Minisymposium organization (in alphabetic order):

- Milan Hladik , Charles University, Czech Republic.

- Malgorzata Aleksandra Jankowska, Poznan University of Technology,
Poland.
- Vladik Kreinovich, University of Texas at El Paso, USA.
- Bartlomiej Jacek Kubica, Warsaw University of Life Sciences, Poland.
- Nathalie Revol, Inria, Ecole Normale Superieure de Lyon, France.
- Iwona Skalna, AGH University of Krakow, Poland
