

18 CONGRESO COLOMBIANO DE COMPUTACIÓN

MANIZALES, Del 4 al 6 de Septiembre 2024

CALL FOR WORKSHOP

EUVETUS Tecnología para personas mayores en su vida diaria.

EUVETUS Technology for the Elderly at Home
EUVETUS Technologie pour les personnes âgées au domicile

Del 4 al 6 de septiembre de 2024

Universidad Nacional de Colombia

Manizales, Colombia

Sitio Web: <https://sco2.org/18ccc/>

Contacto: 18ccc_man@unal.edu.co, ccc@sco2.org

We invite submissions of high-quality research articles describing original and unpublished research results considering the following.

The goal of WS-EUVETUS is to bring together researchers, students and practitioners from academia and industry focused in applied computer science on any engineering field. Original research papers and posters are invited for publication in all areas of applied computer science on engineering.

Specific topics for this workshop include, but are not limited to:

- Description of signal parameters and multimodal data.
- Development of wearable devices to foster patient-physician relationship.
- Applications and algorithms for monitoring and fusion multimodal data: location, activities of daily living and vital signs.
- Scalable, privacy-aware, explainability-enabling architecture for home-based elderly monitoring.
- Ethical issues, privacy, accessibility, and transparency in decision-making algorithmics and homecare applications.
- Multimodal deep learning algorithms for real-time prediction of mental and physical pathologies of elderly alone at home, using data captured by several non-invasive sensors, audio/text, and video.
- Technologies for assessment of functional capacity in older persons.

Manuscript Submission, Publication

Types of manuscripts and content

Authors wishing to participate in **WS-EUVETUS** must submit original, unpublished material (a) a full article, (b) a short article, or (c) a poster.

Manuscript specifications

Portable Document Format (PDF)

Full paper: 10-16 pages (English only)

Short paper: 6-9 pages (English, Spanish or Portuguese)

Poster: 1 page (English or Spanish)

Authors **must eliminate** from the initial submission all information and expressions that indicate their identity. Such data will be allowed in the final version.

Manuscript format:

LaTEX or Microsoft Word according to guides CCIS Springer (indexed by Scopus and SCIELO) in :
<http://www.springer.com/la/computer-science/lncs/conference-proceedings-guidelines>

Accepted long, and short articles with the highest score, will be published in the Springer Communications in Computer and Information Science book series; publication is subject to final evaluation by Springer and must be in English.

These works must be presented in session of the WS-EUVETUS and at least one of the authors must register.

Submission System: <https://easychair.org/conferences/?conf=18ccc>

Important Dates

Proposal Submission Deadline: June 28, 2024

Notification: July 16, 2024

Final version: July 30, 2024

Date of Tutorial/Workshop: September 5-6, 2024