



## Call for Papers for the Special Session on Affective Computing: Bridging Humans and Technology for a Sustainable Future

This AffC4SF special session will explore a different approach to sustainable innovation and services, by investigating how integrating emotional intelligence into technology can foster sustainable innovation across various aspects of life. Affective Computing (AffC) enhances human-computer interaction by creating adaptive, empathetic, and user-centric solutions. Its applications span healthcare, education, and customer service, emphasizing sustainability not just in environmental terms but in personal and social contexts—helping individuals become more efficient, productive, happier, and healthier. The session will delve into cutting-edge research, such as multimodal emotion recognition, sentiment analysis, and real-time emotional response systems, leveraging innovative methods like deep learning and physiological signal processing. By addressing what users need, want, and feel, these technologies aim to create platforms that adapt to their preferences, fostering a balance between work, family, and surroundings. Ultimately, AffC4SF highlights the interdisciplinary potential of Affective Computing to craft sustainable solutions that redefine our relationship with technology for a better future.

### Special Session Organizers

- Pedro J.S. Cardoso, NOVA LINCS & University of Algarve, Portugal, [pcardoso@ualg.pt](mailto:pcardoso@ualg.pt)
- João M.F. Rodrigues, NOVA LINCS & University of Algarve, Portugal, [jrodrig@ualg.pt](mailto:jrodrig@ualg.pt)

### Important Dates

- Paper and Abstract submission deadline: **January 31<sup>th</sup>, 2025**
- Notification of acceptance: **March 15<sup>th</sup>, 2025**
- Final paper submission deadline: **May 1<sup>st</sup>, 2025**
- Early bird registration deadline: **April 30<sup>th</sup>, 2025**
- Regular registration deadline: **June 29<sup>th</sup>, 2025**
- Conference and onsite registration: **from 1<sup>st</sup> to 4<sup>th</sup>, July, 2025**

### Participation

Authors can participate in this Special Session of INCREaSE 2025 by submitting a full paper of 10-16 pages, using the format available in INCREaSE web site ([word](#) or [latex](#)), and accepted papers will be invited to present (in-person or online) a 15-minute oral presentation and will be indexed by Springer.

**Link for Submissions:** <https://meetinghand.com/e/increase-2025/abstract>

### INCREaSE 2025 Conference

The International Congress on Engineering and Sustainability in the XXI cEntury – INCREaSE 2025 is a congress with the aim to bring together valuable and novel scientific contributions to the sustainable development in a multidisciplinary way. This 4<sup>th</sup> edition of INCREaSE will be a hybrid event, held during July 1-4, 2025, in Faro, Portugal, organized by the Institute of Engineering and hosted by University of Algarve.



<https://increase.ualg.pt/>

