

# Call for Papers



25th INTERNATIONAL CONFERENCE  
ON PATTERN RECOGNITION  
Milan, Italy 10 | 15 January 2021

## CARE2020: International Workshop on pattern recognition for positive technology and elderly wellbeing

Milan, Italy, January 10th, 2021

Site: [phuselab.di.unimi.it/CARE2020](http://phuselab.di.unimi.it/CARE2020) Contact: [care2020@di.unimi.it](mailto:care2020@di.unimi.it)

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### Motivations and Topics

Life expectancy horizon is in continuous growth, with an arising socio-economical needs of supporting the aging population. If this is stimulating a considerable research effort in the ICT field, there is a big gap between the complexity of available ICT devices and the needs of fragile individuals.

Positive Technology (PT) is a new paradigm investigating how ICT-based applications and services can be used to foster positive growth of individuals, organizations, and society. It refers to technologies designed for improving the quality of personal experience with the goal of increasing wellness, and generating strengths and resilience in individuals, organizations, and society.

PT could be framed in the wider notion of Ambient Assistive Living (AAL) while focusing on the holistic wellness of people, taking into account the cognitive, emotional and social wellbeing. Thanks to the advances in sensor technologies, and scientific findings, this field is in rapid growing and its application for monitoring and promote elderly wellbeing has become a concrete possibility.

This workshop aims at bringing together the most recent advances of Intelligent Systems, for Positive Technology and elderly wellbeing, investigating a wide range of topics covering (but not limited to) the following:

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| <ul style="list-style-type: none"><li>• Emotion recognition</li><li>• Social interaction analysis</li><li>• Facial expression analysis</li><li>• Body gesture analysis</li><li>• Human behaviour analysis</li><li>• Physiological signal analysis</li><li>• Ecological datasets</li></ul> | <ul style="list-style-type: none"><li>• Mood induction</li><li>• Virtual reality as a positive technology</li><li>• Intelligent cognitive assistants</li><li>• Activities of Daily Living recognition</li><li>• Emotion-aware ambient intelligence</li><li>• Natural Human-Computer Interaction</li></ul> |
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### Submission Guidelines

All papers must be original and not simultaneously submitted to another journal or conference. The following paper categories are welcome:

- Full papers (12-15 pages, including references)
- Short papers (6-8 pages, including references)

Submissions must be formatted in accordance with the [Springer's Computer Science Proceedings guidelines](#). Once accepted, at least one author is expected to attend the event and present the paper. CARE2020 proceedings will be included in the ICPR 2020 Workshop Proceedings Springer volume and submitted to DBLP and Scopus.

### Important Dates

- Workshop submission deadline: **October 10th, 2020**
- Workshop author notification: **November 10th, 2020**
- Camera-ready submission: **November 15th, 2020**
- Finalized workshop program: **December 1st, 2020**