

Stefania Bandini, Gabriella Cortellessa, and Filippo Palumbo (Eds.)

Proceedings of the

AI*AAL.it 2019

**The Fifth Italian Workshop on Artificial
Intelligence for Ambient Assisted Living**

Workshop co-located with AI*IA 2019, Rende (CS), Italy,

November 22nd, 2019

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Preface

This volume contains the papers presented at AI*AAL.it 2019, the Fifth Italian Workshop on Artificial Intelligence for Ambient Assisted Living (<http://aiaal2019.istc.cnr.it>), held within the 18th International Conference of the Italian Association for Artificial Intelligence (AI*IA 2019), in Rende (CS), Italy, on November 22nd, 2019.

The aim of this series of workshops is to bring together researchers interested in different aspects of Artificial Intelligence for Ambient Assisted Living.

The working group “Artificial Intelligence for Ageing Society” has previously organized several Workshops on Technological Challenges and Scenarios for the Ageing Society in Brescia, Palermo, Torino, Genoa, Bari, and Trento to discuss about technological roles and opportunities for Artificial Intelligence in the Ageing Society domain. Capitalizing from these activities, the group is establishing a stable forum on the topic and organized the Fourth Edition of the Italian Workshop on Artificial Intelligence (AI) for Ambient Assisted Living (AAL) with the goal of collecting contributions, ideas and new scientific and technological scenarios, as well as to discuss and disseminate results on Artificial Intelligence for Ambient Assisted Living.

This year, each paper was reviewed by at least two members of the Program Committee of the Workshop, and on the basis of their recommendations, 5 documents have been selected for publication and presentation at AI*AAL.it 2019. In addition, the workshop was enriched by the valuable participation of Stefania Bandini as invited speaker.

We thank all members of the AI*AAL.it Program Committee for their effort in the review process that was fundamental for maintaining the high scientific level of the workshop. We thank the AI*IA council, who trusted us to organize AI*AAL.it 2019, and all the researchers of the AI and AAL community who supported this event by submitting their work and actively participating in it.

February 2020

Stefania Bandini, Gabriella Cortellessa, and Filippo Palumbo

Workshop Organization

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| | |
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| Filippo Palumbo | ISTI-CNR, Pisa, Italy |

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| Filippo Palumbo | ISTI-CNR, Pisa, Italy |
| Eloisa Vargiu | Eurecat – BDigital, Spain |

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