### 3 LUGLIO 8.00-8.45 Sala Conferenze

**Registrazione dei partecipanti**

### 3 LUGLIO 8.45-9.00 Sala Conferenze

**Saluti di benvenuto**

### 3 LUGLIO 9.00-11.00 Sala Conferenze

**Young Researchers Session #1**  
**Chairs: M. Malavasi, A. Monteriù**

<table>
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<tr>
<th>Authors</th>
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<tr>
<td>V. Stara, M. Zancanaro, M. di Rosa, <strong>L. Rossi</strong>, S. Pinnelli</td>
<td>Understanding the interest toward smart home technology: the role of utilitarian perspective (n.2)</td>
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<tr>
<td>A. Gorrini, L. Crociani, G. Vizzari, S. Bandini</td>
<td>Age-friendly city and walkability: data from observations and simulations (n.3)</td>
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<td>S. Anzivino, G. Nollo, F. Tessarolo</td>
<td>Designing multidimensional assessment of ICTs for elderly people: the UNCAP clinical study protocol (n.20)</td>
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<tr>
<td>F. Franchi, C. Rinaldi, F. Graziosi, <strong>L. D’Errico</strong>, F. Tarquini</td>
<td>Experimentation of a low cost public transport system for people with visual disabilities (n.25)</td>
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<td>A. Esposito, <strong>T. Amorese</strong>, M. Cuciniello, A. M. Esposito, A. Troncone, M. I. Torres, S. Schlögl, G. Cordasco</td>
<td>Seniors’ acceptance of virtual humanoid agents (n.29)</td>
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<tr>
<td>A. Papetti, R. Menghi, S. Carbonari</td>
<td>A product service platform fitting older people needs (n.35)</td>
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<td>G. Mancioppi, E. Castro, L. Fiorini, M. Maselli, C. Laschi, F. Cecchi, F. Cavallo</td>
<td>The use of smart tools for combined training of people with MCI: a case report (n.39)</td>
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<td>D. N. Mekuria, P. Sernani, N. Falcionelli, A. F. Dragoni</td>
<td>Reasoning in multi-agent based smart homes: a systematic literature review (n.49)</td>
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<td>A. Cesta, G. Cortellessa, A. Orlandini, <strong>A. Umbrico</strong></td>
<td>Will Robin ever help &quot;Nonna Lea&quot; using artificial intelligence? (n.52)</td>
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**F. Gullà**, R. Menghi, A. Papetti, M. Carulli, M. Bordegoni, A. Gaggioli, M. Germani

*Prototyping adaptive systems in smart environments using virtual reality (n.7)*

**A. Mastroiopietro**, C. Roecke, S. Porcelli, J. del Bas, N. Boquè, L. Fernandez, Maldonado, G. Rizzo

*Multi-domain model of healthy ageing: the experience of the H2020 NESTORE project (n.11)*

P. Pierleoni, A. Belli, R. Concetti, L. Palma, F. Pinti, S. Raggiunto, S. Valenti, A. Monteriù

*A non-invasive method for biological age estimation using frailty phenotype assessment (n.26)*

C. Ardito, P. Buono, M. F. Costabile, G. Desolda, R. Lanzilotti, M. Matera, A. Piccinno

*Enabling end users to define the behavior of smart objects in AAL environments (n.30)*

B. Andò, S. Baglio, R. Crispino, L’Episcopo, V. Marletta, M. Branciforte, M. C. Virzì

*A smart inertial pattern for the SUMMIT IoT multi-platform (n.33)*

B. Andò, S. Baglio, R. Crispino, V. Marletta

*An embedded localization system for the SUMMIT IoT multi-platform (n.55)*


*Architecture for Cooperative Interacting Robotic Systems Towards Assisted Living (n.41)*

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*A Cyber Secured IoT: fostering smart living and safety of fragile individuals in intelligent environments (n.42)*

V. Orso, A. Spagnolli, F. Viero, L. Gamberini

*The design, implementation and evaluation of a mobile app for supporting older adults in the monitoring of food intake (n.44)*

F. Semeraro, L. Fiorini, S. Betti, G. Mancioppi, L. Santarelli, F. Cavallo

*Physiological wireless sensor network for the detection of human moods to enhance human-robot interaction (n.51)*

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**3 LUGLIO 11.00-11.30**

**Coffee break**
### 3 LUGLIO 11.30-13.00
**Sala Conferenze**  
**Tavola Rotonda**  

**Il modello collaborativo dei Reference Site per l’innovazione socio-sanitaria**

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<td><strong>MARCO DI CIANO</strong>, InnovaPuglia</td>
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<td><strong>MADDALENA ILLARIO</strong>, Regione Campania</td>
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<tr>
<th><strong>La politica dei commitment</strong></th>
<th><strong>Cosa si propone, come la si realizza, quale il valore aggiunto, dove si misura l’impatto potenziale</strong></th>
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**Action group A1 “Aderenza terapeutica”**

- **PRISCO PISCITELLI**, ISBEM (Brindisi)  
  “IPRAD” per il monitoraggio dell’aderenza terapeutica

- **FRANCESCO GIULIANI**, IRCCS Opera Padre Pio (S.G. Rotondo)  
  “Service ROBOT” per pazienti con declino cognitivo

- **HOMER PAPADOPOULOS**, NCSR (Athens, Greece)  
  Validating ICT advancements to support adherence to medical plans and polypharmacy within the realm of the pilot trials of the REMOTECARE and HEALTHNET projects with elderly people in the municipalities of Wraiokastro and Hrakleia.

**Action group A3 “Declino cognitivo e fragilità”**

- **SONIA TANGARO**, INFN (Bari)  
  “Bio-medical Data Platform of the cognitive functions” per il miglioramento dell’efficienza diagnóstica

- **MARINA DE TOMMASO**, Università di Bari  
  “NeuropathicPain” Tecniche Neurofisiologiche per analisi funzionale in prospettiva AAL

- **MADDALENA ILLARIO**, Regione Campania  
  Campania Region Experience in primary nutrition approach

**Action group B3 “Cura integrata”**

- **GIUSEPPE CASTELLANO**, DETO (Bari)  
  “ChronicKidneyDiseases” per scale-up di una piattaforma di assistenza integrata per pazienti renali cronici

- **FRANCISCA LIZANA**, Regione Castiglia-La Mancia (Spagna)  
  Health and care transformation in Castilla La Mancha Region :Integrated Care Implementation Plan
### Young Researchers Session #3

**Sala Carlucci**

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<tr>
<td>P. Pierleoni, A. Belli, A. Gentili, L. Incipini, L. Palma, S. Valenti, S. Raggiunto</td>
<td>A ehealth system for atrial fibrillation monitoring (n.18)</td>
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<td>M. Zanetti, L. Faes, M. De Cecco, A. Fornaser, M. Valente, G. M. A. Guandalini, G. Nollo</td>
<td>Assessment of mental stress through the analysis of physiological signals acquired from wearable devices (n.21)</td>
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<td>D. Paciotti, F. Pezzuoli, F. Cotechini</td>
<td>Upper limbs orthosis for disability support: the areas of project development between technology and design (n.27)</td>
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<td>V. Longo, A. Forleo, S. Pinto Provenzano, L. Coppola, V. Zara, A. Ferramosca, P. Siciliano, S. Capone</td>
<td>Seminal VOCs analysis investigating sperm quality decline - New studies to improve male fertility contrasting population ageing (n.48)</td>
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### 3 LUGLIO 13.00-14.30

**Lunch**

### 3 LUGLIO 14.30-16.00

**Sala Conferenze**

**Sessione Plenaria**

**Il Cluster SMILE: situazione nazionale, europea e nuova roadmap**

**Intervengono**

PIETRO SICILIANO, Cluster SMILE
SILVIA NARDELLI, Ministero dell'Istruzione dell'Università e della Ricerca
BIRGIT MORLION, EU DG Connect
VITO ALBINO, ARTI Puglia
NICOLETTA AMODIO, Confindustria
DOMENICO FAVUZZI, Exprivia S.p.A.
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<tr>
<td>3 luglio</td>
<td>16.00-16.30</td>
<td>Coffee break</td>
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| 3 luglio | 16.30-18.00   | Sala Conferenze  
          | Sessione Plenaria  
          | Il Cluster SMILE: strategic agenda per il posizionamento e le prospettive europee nel nuovo JP AAL |
|        |               | Intervengono  
          |                                  | PIETRO SICILIANO, Cluster SMILE  
          | ALDO COVELLO, Ministero dell'Istruzione dell'Università e della Ricerca  
          | GISELDA SCALERA, Ministero della Salute  
          | ELDA FIORILLO, Ministero dello Sviluppo Economico  
          | ADRIANA MAGGI, EU Joint Programme – Neurodegenerative Disease Research  
          | KLAUS NIEDERLÄNDER, EU Joint Programme – Ambient Assisted Living  
          | BIRGIT MORLION, EU DG Connect |
| 3 luglio | 19.30-24.00   | Cena sociale (Augustus Resort - Santa Cesarea Terme)  
          | Young Researchers’ Awards                                         |
### 4 LUGLIO 9.00-10.30
**Sala Conferenze**

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<th>Tecnologie e sistemi ICT per la cura e l'accompagnamento a domicilio: barriere e opportunità per utenti e operatori</th>
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<td>ASSUNTA D'INNOCENZO, AitAAL&lt;br&gt;LORENA ROSSI, INRCA Ancona</td>
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<tr>
<td><strong>Intervengono</strong></td>
<td>OTTAVIO DI CILLO, Associazione Italiana di Sanità Digitale e Telemedicina&lt;br&gt;ATTILIO GUARINI, Dipartimento Area Medica Oncologico, Bari&lt;br&gt;GIANCARLO CONTI, Agenzia Regionale Sanitaria - Regione Marche&lt;br&gt;MARCELLO ANTONAZZO, Ordine Professioni Infermieristiche della Provincia di Lecce&lt;br&gt;MICHELE GALANTE, Cooperativa La Casa, Lecce&lt;br&gt;NICOLA CASTRO, Fondazione Villa Giovanni XXIII, Bitonto (Ba)&lt;br&gt;ALESSANDRO DE ROBERTIS, DOMOS-Domotica sociale, Conversano (Ba)&lt;br&gt;MASSIMILIANO MALAVASI, Centro Regionale Ausili e CAAD Corte Roncati, Bologna</td>
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### 4 LUGLIO 9.00-10.30
**Sala Carlucci**

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<td><strong>A. Cesta, G. Cortellessa, R. De Benedictis, F. Fracasso</strong></td>
<td>Active aging by continuous learning: a training environment for cultural visits (n.53)</td>
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<td><strong>S. Anzivino, G. Quaini, V. Pisetta, P. Masci, A. Bertoldi, G. Nollo</strong></td>
<td>Implementation of a multi-specialized electronic health record for managing cardiological rehabilitation paths (n.6)</td>
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<td><strong>M. Pistoia, P. Casacci</strong></td>
<td>RESPIRO - Network of pneumological services: integration, research &amp; open-innovation (n.12)</td>
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<td><strong>I. Qose, R. Conte, F. Sansone, A. Tonacci</strong></td>
<td>New models in managing out-of-hospital care of chronic patients and aging population (n.14)</td>
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<td><strong>R. Conte, A. Tonacci, F. Sansone, A. Grande, A. P. Pala</strong></td>
<td>Health360: An open, modular platform for multimodal data collection and AAL monitoring (n.15)</td>
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<td><strong>S. Spinsante, M. Fagiani, M. Severini, S. Squartini, F. Ellmenreich, G. Martelli</strong></td>
<td>Depth-based fall detection: outcomes from a real life pilot (n.31)</td>
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<td><strong>X. Xi, M. Canfora, A. Cella, S. Pericu, M. Gambaro, R. Femia, I. Graziella Congiu, C. Patrone, N. Casiddu, A. Pilotto</strong></td>
<td>Possible ways to enhance telepresence Robot by experiments in a protected discharge environment (n.28)</td>
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<td><strong>P. Ponzio, A. di Matteo, E. Macchi, T. Traverso, A. Carluccio, M.B. Di Stefano</strong></td>
<td>Human and animal welfare assessment during Assisted Animals Interventions (AAI): a pilot project in progress (n.34)</td>
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<td><strong>G. Losco, A. Lupacchini, L. Bradini</strong></td>
<td>&quot;Casa Amica&quot; project for the construction of a Social-Assistance Structure and a Social-Healthcare Unit C.R.I. to be used for the reception of elderly people with disabilities (n.36)</td>
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<td><strong>A. Fiorucci, S. Pinnelli</strong></td>
<td>RareBox App. Patient-centered monitoring system in the self-management of rare disease (n.38)</td>
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**Multisensory Stimulation Lab (MS-Lab) – A new technological framework for multisensory stimulation environments (n.40)**

### G. Dimauro, F. Girardi, D. Caivano

**Personal Health E-Record - Toward an enabling AAL technology for communication and information sharing between patients and care providers (n.45)**

### M. A. Signore, L. Francioso, C. De Pascali, G. Rescio, A. Leone, A. Taurino, P. Dario, V. Iacovacci, P. Siciliano

**Fabrication of flexible ALN thin films piezoelectric pressure sensor for integration into an implantable artificial pancreas (n.46)**

### A. Candela, A. Agrimi, M. Luisi, M. Di Ciano, G. Grasso

**Technologies for the social innovation: “Puglia Sociale In” experience and results (n.56)**

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**4 LUGLIO 10.30-11.00**  
**Coffee break**

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**4 LUGLIO 11.00-13.30**  
**Sala Conferenze**  
**Tavola Rotonda**  

**Salute e Turismo Accessibile**

**Modera**

FRANCESCA AVOLIO, AReSS Puglia

**Intervengono**

LISA LEONARDINI, CTO-ProMIS  
JOSÉ ANGEL MARTINEZ USERO, WE4AHA  
LUCIO CATAMO, Mediforma  
GIORGIA ROLLO, Associazione 2HE  
MASSIMO PISTOIA, InnovAAL s.c.a.r.l.

**Conclude**

LOREDANA CAPONE, Regione Puglia
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<th>The Diabesity Care project: diabetes integrated monitoring system for self-care empowering</th>
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<td>P. Casacci, M. Pistoia, G. Borrelli</td>
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<th>Fully integrated smart insole for diabetic foot</th>
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<tr>
<td>G. Rescio, A. Leone, L. Francioso, P. Losito, E. Genco, F. Crudele, L. D’Alessandro, P. Siciliano</td>
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<th>From ambient assisted living to society ambient living</th>
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<td>L. Burzaglì, P. L. Emiliani, S. Naldini</td>
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<th>Assessment of Parkinson’s disease at-home using a natural interface based system</th>
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<th>Balance robotic evaluation with hunova in older people: correlation with the level of physical activity</th>
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<tr>
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<th>A technological approach to support the care process of older in residential facilities</th>
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<th>Big data analytics in smart living environments for elderly monitoring</th>
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<td>P. Meriggi, E. Brazzoli, T. Piacente, M. Mazzola, I. Olivieri</td>
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<th>Designing and implementing a transferability testing methodology for AAL system dedicated to integrated care services</th>
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<th>Facial expression recognition in ageing adults: a comparative study</th>
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<th>MARIO project: validation in the hospital setting</th>
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### 4 LUGLIO 13.30-14.30

**Lunch**

### 4 LUGLIO 14.30-17.00

**Sala Conferenze**

#### Fragilità e invecchiamento attivo: una trasformazione sostenibile

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<td>GAETANO GRASSO, InnovaPuglia</td>
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<tr>
<td>JOSÉ ANGEL MARTINEZ USERO, WE4AHA</td>
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<td>BIRGIT MORLION, EU DG Connect</td>
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<tr>
<td>ANNAMARIA ZONNO, EU DG Research and Innovation</td>
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**Le policy di innovazione**

La proposta di un “Reflection Paper” sulla FRAILTIES: Funzionalità, Razionalizzazione, Accessibilità e Innovazione dei Livelli assistenziali in Trasformazione nell’Italia dell’Eccellenza Sanitaria

Il documento europeo “Bue Print” e una riflessione sulla vision dei responsabili politici europei, della società civile, delle organizzazioni professionali e dell’in-dustria

European Innovation Partnership on Active and Healthy Ageing: Strategies and Perspective Beyond 2020

Il nuovo Programma Quadro Europeo (FP9) “Orizzonte Europa”, scenari di ricerca e innovazione per le tecnologie applicate al sistema sociosanitario

**Privileged talks**

Modera: FRANCESCA AVOLIO, AReSS Puglia

Partecipano:

- GIANCARLO RUSCITTI, Regione Puglia
- ALESSANDRO DI BELLO, InnovaPuglia
- ANTONIO MARITATI, PROMIS
- LIDIA DI MINCO, Ministero della Salute
- ANNAMARIA ZONNO, EU DG Research and Innovation
- BIRGIT MORLION, EU DG Connect

### 4 LUGLIO 17.00-17.30

**Sala Conferenze**

**Chiusura dei lavori**