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WORKSHOP PROGRAM

Thursday, May 26

SESSION 1.1 - Special Session - Multi-domain measurements for personalized comfort management in buildings

Room: Aula Magna "B. Andreatta" - Conference Center
Chair: Marco Arnesano, *eCampus University, Italy*

1 **Combined use of wearable devices and Machine Learning for the measurement of thermal sensation in indoor environments**
Gloria Cosoli, Università Politecnica delle Marche, Italy
Silvia Angela Mansi, Università degli studi di eCampus, Italy
Marco Arnesano, Università degli studi di eCampus, Italy

7 **Application of a multi-field sensor into an office building**
Thomas Ashworth, Politecnico di Torino, Delta Controls Italy Srl, Italy
Antonio Catalano, Delta Controls Italy Srl, Italy
Enrico Fabrizio, Politecnico di Torino, Italy
Marco Filippi, Politecnico di Torino, Italy

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Veronica Martins Gnecco, University of Perugia, Italy
Ilaria Pigliautile, University of Perugia, Italy
Anna Laura Pisello, University of Perugia, Italy

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Alexander Kim, Princeton University, US
Sean Rucewicz, Princeton University, US
Coleman Merchant, Princeton University, US
Kianwee Chen, Princeton University, US
Eric Teitelbaum, Princeton University, US

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Giovanni Barone, Università degli studi di Napoli Federico II, Italy
Annamaria Buonomano, Università degli studi di Napoli Federico II, Italy
Gianluca Del Papa, Università degli studi di Napoli Federico II, Italy
Cesare Forzano, Università degli studi di Napoli Federico II, Italy
Giovanni Francesco Giuzio, Università degli studi di Napoli Federico II, Italy
Adolfo Palombo, Università degli studi di Napoli Federico II, Italy
Ilaria Pigliautile, Università degli Studi di Perugia, Italy
Anna Laura Pisello, Università degli Studi di Perugia, Italy
Giuseppe Russo, Università degli studi di Napoli Federico II, Italy

SESSION 1.2 - Special Session - Thermography and hyperspectral imaging for building and urban diagnosis

Room: Room A - Conference Center
Chair: Stefano Laureti, *University of Calabria, Italy*

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Michal Švantner, University of West Bohemia, Czech Republic
Vladislav Lang, University of West Bohemia, Czech Republic
Jiří Skála, University of West Bohemia, Czech Republic
Tomáš Kohlschütter, University of West Bohemia, Czech Republic
Milan Honner, University of West Bohemia, Czech Republic
Lukáš Muzika, University of West Bohemia, Czech Republic
Eliška Kosová, University of West Bohemia, Czech Republic

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Gaetano Fulco, Mediterranea University of Reggio Calabria, Italy
Valentina Palco, Mediterranea University of Reggio Calabria, Italy
Claudio De Capua, Mediterranea University of Reggio Calabria, Italy

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Alessandro Bortolin, National Research Council, Italy
Gianluca Cadelano, National Research Council, Italy
Giovanni Ferrarini, National Research Council, Italy

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Stefano Sfarra, University of L'Aquila, Italy
Marco Ricci, University of Calabria, Italy

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Coleman Merchant, Princeton University, US
Forrest Meggers, Princeton University, US

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Chair: Sara Casaccia, *Università Politecnica delle Marche, Italy*

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Christophe Lohr, IMT Atlantique, Lab-STICC, France
Benoit Leduc, Delta Dore Company, France

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Alessandro Luchetti, University of Trento, Italy
Isidro III Butaslac, Nara Institute of Science and Technology, Japan
Manuel Rosi, University of Trento, Italy
Damiano Fruet, University of Trento, Italy
Giandomenico Nollo, University of Trento, Italy
Patrizia Gabriella Ianes, Azienda Provinciale Servizi Sanitari, Pergine Valsugana, Italy
Francesco Pilla, Azienda Provinciale Servizi Sanitari, Pergine Valsugana, Italy
Barbara Gasperini, Azienda Provinciale Servizi Sanitari, Pergine Valsugana, Italy
Giovanni Maria Achille Guandalini, Azienda Provinciale Servizi Sanitari, Pergine Valsugana, Italy
Jacopo Bonavita, Azienda Provinciale Servizi Sanitari, Pergine Valsugana, Italy
Hirokazu Kato, Nara Institute of Science and Technology, Japan
Mariolino De Cecco, University of Trento, Italy

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Ilaria Ciuffreda, Università Politecnica delle Marche, Italy
Nicole Morresi, Università Politecnica delle Marche, Italy
Sara Casaccia, Università Politecnica delle Marche, Italy
Gian Marco Revel, Università Politecnica delle Marche, Italy

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Sara Casaccia, Università Politecnica delle Marche, Italy
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Andrea Lira, Universidad Andrés Bello, Chile
Carla Taramasco, Universidad de Valparaíso, Chile
Vincent Zalc, Université de technologie de Compiègne, France
Igor Irazzoky, Universidad Diego Portales, Chile
Dan Istrate, Université de technologie de Compiègne, France

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Room: Aula Magna "B. Andreatta" - Conference Center
Chair: Giulio D'Emilia, *University of L'Aquila, Italy*

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Stefano Marsella, Ministry of the Interior, Corpo Nazionale dei Vigili del Fuoco, Italy
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Stefano Marsella, Ministry of the Interior, Corpo Nazionale dei Vigili del Fuoco, Italy
Marcello Marzoli, Ministry of the Interior, Corpo Nazionale dei Vigili del Fuoco, Italy
Emanuela Natale, University of L'Aquila, Italy

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Stefano Marsella, Ministry of the Interior, Corpo Nazionale dei Vigili del Fuoco, Italy
Marcello Marzoli, Ministry of the Interior, Corpo Nazionale dei Vigili del Fuoco, Italy
Danilo Anastasi, Ministry of the Interior, Corpo Nazionale dei Vigili del Fuoco, Italy

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Massimo Bonfatti, Ministry of the Interior, Corpo Nazionale dei Vigili del Fuoco, Italy
Marcello Lombardini, Ministry of the Interior, Corpo Nazionale dei Vigili del Fuoco, Italy
Carmine Castaldo, Ministry of the Interior, Corpo Nazionale dei Vigili del Fuoco, Italy
Fabio Mazzarella, Ministry of the Interior, Corpo Nazionale dei Vigili del Fuoco, Italy
Marcello Marzoli, Ministry of the Interior, Corpo Nazionale dei Vigili del Fuoco, Italy

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SESSION 2.2 - General Session - Part 1

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Chairs: Filippo Ruffa, *Mediterranea University of Reggio Calabria, Italy*
Domenico Luca Carnì, *University of Calabria, Italy*

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Falk Schmidsberger, Hochschule Mittweida, Germany
Matthias Baumgart, Hochschule Mittweida, Germany
Christian Roschke, Hochschule Mittweida, Germany
Marc Ritter, Hochschule Mittweida, Germany
Matthias Vodel, Hochschule Mittweida, Germany

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Gaetano Fulco, Mediterranea University of Reggio Calabria, Italy
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Filippo Ruffa, Mediterranea University of Reggio Calabria, Italy
Mariacarla Lugarà, Mediterranea University of Reggio Calabria, Italy

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Elia Landi, University of Siena, Italy
Lorenzo Parri, University of Siena, Italy
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Ada Fort, University of Siena, Italy
Marco Mugnaini, University of Siena, Italy
Valerio Vignoli, University of Siena, Italy

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Elyes Nefzaoui, Univ Gustave Eiffel, France
Philippe Basset, Univ Gustave Eiffel, France
Julien Waeytens, Univ Gustave Eiffel, France
Amine Bouzidi, Univ Gustave Eiffel, France

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Room: Sala Stampa - Conference Center
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Francesco Lamonaca, *University of Calabria, Italy*

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Marina Paolucci, University of Sannio, Italy
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Chair: Domenico Camassa, *Polytechnic University of Bari, Italy*

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Gabriele Milani, Politecnico di Milano, Italy

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Anna Castellano, Polytechnic University of Bari, Italy
Aguinaldo Fraddosio, Polytechnic University of Bari, Italy
Michela Silla, Polytechnic University of Bari, Italy
Mario Daniele Piccioni, Polytechnic University of Bari, Italy

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Room: Room A - Conference Center
Chair: Gian Marco Revel, *Università Politecnica delle Marche, Italy*

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Riccardo Naccarelli, Università Politecnica delle Marche, Italy
Gian Marco Revel, Università Politecnica delle Marche, Italy

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Gianmarco Battista, Università Politecnica delle Marche, Italy
Serena Serroni, Università Politecnica delle Marche, Italy
Milena Martarelli, Università Politecnica delle Marche, Italy
Marco Arnesano, Università Telematica eCampus, Italy
Gian Marco Revel, Università Politecnica delle Marche, Italy

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Domenico Luca Carnì, Università della Calabria, Italy
Lionel Trojman, Institut Supérieur d'Électronique de Paris, France
Luis-Miguel Prócel, Universidad San Francisco de Quito, Ecuador
Francesco Lamonaca, Università della Calabria, Italy

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Kipp Bradford, Princeton University, US
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Forrest Meggers, Princeton University, US

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Piero Bevilacqua, University of Calabria, Italy
Roberto Bruno, University of Calabria, Italy
Daniela Cirone, University of Calabria, Italy
Antonino Rollo, University of Calabria, Italy
Natale Arcuri, University of Calabria, Italy

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Room: Sala Stampa - Conference Center
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Giuseppe Tripepi, University of Calabria, Italy
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Luana Gurnari, Mediterranea University of Reggio Calabria, Italy
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Stefano Marino, Politecnico di Bari, Italy
Leonardo Damiani, Politecnico di Bari, Italy
Antonio Francone, Università del Salento, Italy
Alessandra Saponieri, Università del Salento, Italy
Giuseppe Roberto Tomasicchio, Università del Salento, Italy

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Pasquale Daponte, University of Sannio, Italy
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Enrico Picariello, University of Sannio, Italy
Sergio Rapuano, University of Sannio, Italy
Ioan Tudosa, University of Sannio, Italy

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Francesco Coscarella, Università della Calabria, Italy
Roberto Gaudio, Università della Calabria, Italy

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Nadia Penna, Università della Calabria, Italy
Roberto Gaudio, Università della Calabria, Italy

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Attilio Fiorini Morosini, University of Calabria, Italy
Olga Caruso, University of Calabria, Italy

Friday, May 27

Invited Session

Room: Aula Magna "B. Andreatta" - Conference Center
Chair: Francesco Lamonaca, *University of Calabria, Italy*

Poster Session

Room: Conference Center - University of Calabria
Chair: Francesco Lamonaca, *University of Calabria, Italy*

SESSION 4.1 - General Session - PART 2

Room: Aula Magna "B. Andreatta" - Conference Center
Chairs: Nicola Pasquino, *University of Naples Federico II, Italy*
Marco Arnesano, *eCampus University, Italy*

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Tommaso Aureli, ARPA Lazio, Italy
Tiziana Cassano, ARPA Puglia, Italy
Daniele Franci, ARPA Lazio, Italy
Marco D. Migliore, University of Cassino and Southern Lazio, Italy
Nicola Pasquino, University of Naples Federico II, Italy
Settimio Pavoncello, ARPA Lazio, Italy
Fulvio Schettino, University of Cassino and Southern Lazio, Italy
Maddalena Schirone, ARPA Puglia, Italy

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Gabriele Milani, *Politecnico di Milano, Italy*

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Nitin Nagesh Kulkarni, University of Massachusetts Lowell, US
Alessandro Sabato, University of Massachusetts Lowell, US

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Javier Román-Cembranos, CARTIF Technology Centre, Spain
Agnieszka Łukaszewska, Pre Fasada, Poland
Piotr Dymarski, Mostostal Warszawa S.A., Poland

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Giuseppe Fedele, University of Calabria, Italy
Andrea Aiello, Alma S.r.l., Italy

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Antonino D'Alessandro, ONT - INGV, Italy
Antonio Costanzo, ONT - INGV, Italy
Stefano Speciale, ONT - INGV, Italy

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Susanna Spinsante, Polytechnic University of Marche, Italy
Luca De Vito, University of Sannio, Italy
Francesco Lamonaca, University of Calabria, Italy

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Room: Sala Stampa - Conference Center
Chairs: Piero Bevilacqua, *University of Calabria, Italy*
Roberto Bruno, *University of Calabria, Italy*

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Hai Lin, National Institute of Metrology, China
Ju Yang, National Institute of Metrology, China
Changqing Ren, National Institute of Metrology, China
William Huang, GTM China Office, China