

SAFE 2024 – PALERMO 2-4 OCTOBER- BOTANIC GARDEN - SCIENTIFIC AND SOCIAL PROGRAM


TIME	WEDNESDAY 2	TIME	THURSDAY 3	TIME	FRIDAY 4
09,00-09,30	WELCOME SESSION Prof. M. Midiri (Rector UNIPA) Prof. A. Pace (Delegate UNIPA)		SESSION IV Photovoltaic integration II CHAIR MARCO CANNAS		NEST SESSION CHAIR MAURIZIO CELLURA
	SESSION I Solar cells and PV modules CHAIR MAURIZIO CELLURA MARIO TUCCI	09,00-09,20	Leonardo Micheli, Università la Sapienza: Soiling of Photovoltaic Systems in the Era of High PV Penetration: Impact and Mitigation Strategies	09,00-09,30	Talk WP.1.1
9,30-09,50	Ivan Gordon, IMEC: Innovative high-performance crystalline-silicon solar cells: State-of-the-art and future challenges	09,20-09,40	Cristina Cornaro, Università di Tor Vergata, Titolo provvisorio "Modelling performance in AgriPV systems"	09,30-10,00	Talk WP.1.2
09,50-10,10	Nicole Barrantes, Università di Padova: LBIC analysis of heterojunction Silicon solar cells for photocurrent mapping and surface recombination detection	09,40-10,00	Girolamo di Francia, ENEA: Robotics for PV Large Utility Visual Inspection	10,00- 10,30	Talk WP.1.3
10,10-10,30	Salvatore Antonino Lombardo, CNR-IMM: Bifacial photovoltaics, four-terminal systems, and their coupling: modeling and data	10,00-10,20	Salvatore Fabozzi Modeling of Multienergy Polygeneration Hybrid System for the Control Strategies of the Smart Microgrid at the ENEA Research Center in Portici	10,30-11-00	Talk WP.1.4
10,30-10,50	Mario Tucci, ENEA: Selective contacts by evaporation process for heterojunction solar cell	10,20-10,40	Antonino Alessi Ecole Polytechnique - Paliseau: Solar cells in space environment		
10,50-11,20	Coffe Break	10,40-11,20	Coffe Break	11,00-11-30	Coffe Break
	SESSION II Solar systems sustainability CHAIR MAURIZIO CELLURA		SESSION V Innovative Materials for Photovoltaic CHAIR MICHELE SABA		NEST SESSION CHAIR MAURIZIO CELLURA
11,20-11,40	Massimo Izzi, ENEA: PHOTORAMA, a new European methodology route to recover and recycle the components from End-of-life PV modules	11,20-11,40	Alessandro Mattoni , CNR-IOM : Classical Molecular Dynamics Simulations of Hybrid Perovskites: Towards the Modeling of Crystal Growth and Complex Interfaces	11,30-12,00	Talk WP.1.5
11,40-12,00	Teresa Maria Gulotta, Università di Messina: Life Cycle Thinking analysis of Unitized Regenerative Fuel Cells: from literature review to applicative key findings	11,40-12,00	Aurora Rizzo, CNR Nanotec: Engineering Perovskite materials from solution to solar cells	12,00-12-30	Talk WP.1.6
12,00-12,20	Sonia Longo Università di Palermo: Life cycle assessment of solar heating and cooling systems	12,00-12,20	Simone Barbarossa – UNIPA: The effects of cation mixing in optoelectronic properties of lead-free double perovskites for solar applications	12,30-13-00	Talk WP.1.7
12,20-12,40	Marina Mistretta Università Mediterranea di Reggio Calabria: High-resolution electricity generation mixes in net zero energy building	12,20-12,40	Erica Magliano – Tor Vergata: Two-Step Hybrid Perovskite Deposition: Organic Cations Interdiffusion through Spin-coating and Blade-coating for Tandem Applications	13,00-13,30	FINAL REMARKS
12,40-13,00	Quyen Lee Luu, Università di Palermo: Application of product environmental footprint method for life cycle assessment of concentrating solar technologies	12,40-13,00	Elisa Sani – CNR –INO Optimization approaches of Ultra-High Temperature Ceramics for new high-temperature solar absorbers ics for new high-temperature solar absorbers		
13,00-15,00	Lunch	13,00-15,00	Lunch	13,30-15,00	Lunch

Scientific Committee:

Simonpietro Agnello
Marco Cannas
Maurizio Cellura
Walter Gaggioli
Alessandro Galia
Massimo Izzi
Laura Maturi
Matteo Meneghini
David Moser
Michele Saba
Mario Tucci

Organizing Committee:

Simonpietro Agnello
Marco Cannas
Massimo Izzi

Local Organizing Committee:

Simone Barbarossa
Alessandro Biondi
Salvatore Ferruggia Bonura
Vittorio Ferrara
Anna Fricano
Najwa Hamdi
Margherita Imburgia
Le Quyen Luu

Supporting Committee:

Arianna Berto
Alessio Filippetti
Federica Pardo
Adriano Sacco
Elisa Sani





SAFE

The logo for SAFE features the word in a stylized font. The letter 'S' is black with a power plug icon at its base. The letter 'A' is yellow and set within a yellow sunburst graphic. The letters 'F', 'E', and 'E' are blue with a solar panel grid pattern. The entire word is outlined in black.