



XXVI CONGRESSO INTERNAZIONALE CIRIAF

SUSTAINABLE DEVELOPMENT. ENERGY TRANSITION AND HUMAN HEALTH

Polo di Ingegneria - Aula Magna - Università degli Studi di Perugia



9 APRILE

09.00 | Registrazione al congresso e accoglienza partecipanti

09.30 | Saluti istituzionali

10.00 | Sessione **Energia, Ambiente, Cambiamenti Climatici e Strategie di Mitigazione**

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|---------------------------------------|---|
| A. A. Jalbani (MUET, Pakistan) | <i>Nuclear - Renewable Hybrid Scenario to contain Climate Change in Pakistan</i> |
| T. A. Gadhi (MUET, Pakistan) | <i>Pollution control and mitigation strategies through Waste Valorization in Biofuel pellets: An Assessment for Pakistan</i> |
| U. Bhanbhro (MUET, Pakistan) | <i>Performance Evaluation of Cu-coated Al and uncoated Al electrodes in Electrocoagulation Process for Methylene Blue Dye Removal</i> |
| P. Puchi (CNR) | <i>Forest Carbon Sinks and Sources: A Multi-Proxy Approach to Understanding Carbon-Water Balance</i> |

11.30 | **A. Formica** (Avv. amministrativista)

L'evoluzione della normativa sul nucleare dagli esordi fino alla recente legge delega

12.00 | Light Lunch

14.00 | **Keynote Speech del Prof. Andrea Baccarelli** (Harvard T.H. Chan School of Public Health, USA)

Precision environmental health: Using omics for identifying exposures and predicting disease risk

15.00 | **Consiglio Scientifico del CIRIAF**

16.00 | Sessione **Ambiente e Materiali**

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| C. Santulli (Università di Camerino) | <i>Bio-composites from bagasse fibres and bio-based adhesives for insulating materials</i> |
| R. Gunnella (Università di Camerino) | <i>Low Dimensional Materials with High Charge and Hydrogen Specificity</i> |
| S. Gabrielli (Università di Camerino) | <i>Chemical recycling is the key?</i> |

17.00 | Sessione **Progetti di Ricerca**

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| L. Bontempo (Fondazione Edmund Mach) | <i>HYTRA (HYdrogen TRAcability)</i> |
| C. Piselli (Università di Firenze) | <i>PERSONA (Personalized Comfort Models for Enhanced Environmental Control in Building Dynamic Simulation)</i> |

18.00 | Chiusura dei lavori

10 APRILE

09.00 | Registrazione al congresso e accoglienza partecipanti

09.30 | Introduzione alla giornata ed al Premio Mauro Felli

09.45 | Presentazioni delle attività dei Dottorandi di Ricerca dell'Università degli Studi di Perugia

12.15 | Chiusura dei lavori e consegna Premio Mauro Felli



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SUSTAINABLE DEVELOPMENT. ENERGY TRANSITION AND HUMAN HEALTH

Engineering Campus - Aula Magna - University of Perugia



APRIL 9

09.00 | Congress registration and welcome of participants

09.30 | Institutional welcome

10.00 | Session **Energy, Environment, Climate Change and Mitigation Strategies**

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|---------------------------------------|---|
| A. A. Jalbani (MUET, Pakistan) | <i>Nuclear - Renewable Hybrid Scenario to contain Climate Change in Pakistan</i> |
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| P. Puchi (CNR) | <i>Forest Carbon Sinks and Sources: A Multi-Proxy Approach to Understanding Carbon-Water Balance</i> |

11.30 | **A. Formica** (Administrative Lawyer)

The Evolution of Nuclear Legislation from Its Origins to the Recent Delegated Law

12.00 | Light Lunch

14.00 | **Keynote Speech by Prof. Andrea Baccarelli** (Harvard T.H. Chan School of Public Health, USA)

Precision environmental health: Using omics for identifying exposures and predicting disease risk

15.00 | **CIRIAF Scientific Council**

16.00 | Session **Environment and Materials**

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| C. Santulli (University of Camerino) | <i>Bio-composites from bagasse fibres and bio-based adhesives for insulating materials</i> |
| R. Gunnella (University of Camerino) | <i>Low Dimensional Materials with High Charge and Hydrogen Specificity</i> |
| S. Gabrielli (University of Camerino) | <i>Chemical recycling is the key?</i> |

17.00 | **Research Projects Session**

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|---|--|
| L. Bontempo (Edmund Mach Foundation) | <i>HYTRA (HYdrogen TRAceability)</i> |
| C. Piselli (University of Florence) | <i>PERSONA (Personalized Comfort Models for Enhanced Environmental Control in Building Dynamic Simulation)</i> |

18.00 | Closing Remarks

APRIL 10

09.00 | Congress registration and welcome of participants

09.30 | Introduction to the Day and the Mauro Felli Award

09.45 | Presentations of PhD Research Activities University of Perugia

12.15 | Closing Remarks and Mauro Felli Award Ceremony