



UNIVERSITÀ
DEGLI STUDI
FIRENZE

2nd SYMPOSIUM ON SUSTAINABILITY IN UNIVERSITY CAMPUSES (SSUC- 2018)

Florence, Italy, 10th-12th December 2018

FINAL PROGRAMME



Aula Strozzi (School of Earth Sciences)
Aula Ostensio Del Giardino dei Semplici (Botanical Garden)

– Via La Pira, 4
– Via Micheli 3

Monday, 10th December 2018

Arrival and set-up of displays (17:00-18:30) – *Aula Strozzi*
Evening: free

Tuesday 11th December 2018:

Morning

8:25-8:55 – Registration and Opening – *Aula Magna*

8:55-9:10. Welcome and Introductory notes: Walter Leal and Ugo Bardi

9:25-9:30. Welcome: Franco Bagnoli, Delegate of Sustainability of the University of Florence

9:10- 9:25. Introductory speech of the President of the University of Florence, Professor Luigi Dei

09:30-10:10- Key note speech I - **Integrated sustainability, the experience of the Italian network of Universities for Sustainable Development**, *Fabio Pranovi*, Università Ca' Foscari, Italy - Network of Italian sustainable universities (RUS).

10:10-10:20 Key note speech II - **Engaging students at campuses: the experience of the School of Economics and Management in Florence**, *Marco Tortora*, University of Florence, Italy

10:20-10:50- Key note speech III- **The European School of Sustainability Science and Research**, *Walter Leal*, HAW Hamburg, Germany

10:50-11:00- Discussion

11:00-11:30- Break

11:30-13:00- Parallel Sessions

11:30-13:00- Session 1 Aula Magna

- Chair: Stefano Dominici (Florence)

11:30-11:50-Implementation and evaluation of a didactic proposal to mitigate climate change in Higher Education. *Pedro Vega-Marcote and Mercedes Varela-Losada*, University of a Coruña and University of Vigo, Spain

11:50-12:10-Adapting the Economy for the Common Good for Research Institutions - Case Studies from the IGC Bremen and IASS Potsdam *Tim Goydke, Sara Franzeck and Daniel Oppold*, International Graduate Center at City University of Applied Sciences Bremen (IGC); Institute for Advanced Sustainability Studies Potsdam (IASS), Germany

12:10-12:30- Mind the Gap! Developing the Campus as a Living Lab for Student Experiential Learning in Sustainability. *Tela Favaloro, Tamara Ball and Ronnie D. Lipschutz*, University of California, Santa Cruz, United States

12:30-12:50 National Sustainability Transitions and the Role of University Campuses: Ireland as a Case Study *William Horan, Rachel Shawe, Richard Moles and Bernadette O'Regan*, University of Limerick, Ireland

12:50- 13:00 Discussion

11:30-13:00- Session 2 Aula Strozzi

- Chair: Ugo Bardi

11:30-11:50-Putting sustainable campuses into force: Empowering students, staff and academics by the self-efficacy Green Office Model *Maik AdomBent*, Leuphana University of Lüneburg, Germany

11:50-12:10- Green design, identity or both? Factors affecting environmentally responsible behaviors in student residences
Martyna Mokrzecka, Faculty of Architecture, Wroclaw University of Science and Technology, Poland

12:10-12:30- A Review on Integrated Information System and Sustainability Implementation Framework in Higher Education. *Mona Alkuwari*, Hamad Bin Khalifa University (HBKU), Qatar Foundation (QF), Qatar

12:30-12:50 Sustainability in Higher Education: The Impact of Transformational Leadership on Followers' Innovative Outcomes. A Framework Proposal, *Reem Al-Mansoori*, Hamad Bin Khalifa University, Qatar

12:50- 13:00 Discussion

13:00-14:00- Lunch

11:30-13:00- Session 3- Aula Ostensio

- Chair: Jocelyn Cartas Quaresma

11:30-11:50-Generating a New Idea of Public Mission for Universities. A Sustainable Communication Paradigm for Community Building, *Eugenio Pandolfini, Viola Davini and Ilaria Marchionne*, Università degli Studi di Firenze, Italy

11:50-12:10- Creating Collaborative Spaces to Foster Education for Sustainable Development in Multidisciplinary Campus in a Mexican Higher Education Institution, *Jairo Agustín Reyes Plata*, Universidad Nacional Autónoma de México, Mexico

12:10-12:30- The Maturation Process of Incorporating Sustainability in Universities: Early Experiences in Belgium and Chile. *Luis Vargas, Claudia Mac-Lean and Jean Hugé*, University of Chile, Chile and Université Libre de Bruxelles, Belgium

12:30-12:50 How Green Can You Go? Initiatives of Dark Green Universities in the Philippines. *Jocelyn Cartas Cuaresma*, University of the Philippines, Philippines

12:50- 13:00 Discussion

13:00-14:00- Lunch

Afternoon

Plenary Session Aula Magna

14:00-15:00– Chair: Walter Leal

14:00-14:30- Plenary presentation - Using the Learning in Future Environments (LiFE) index to assess James Cook University’s progress in supporting and embedding sustainability
Colin J. Macgregor, James Cook University, Australia

14:30-15:00- How can ecological fairs increase sustainability in a university campus?
Luciana Londero Brandli and Amanda Lange Salvia, University of Passo Fundo, Brazil

15:00-15:30- Coffee Break

15:30- 17:00 – Parallel Sessions

Session 4 *Aula Magna*

- **Chair:** Carolyn Hayles, UK

15:30-15:50- **Bridging the Gap between Theory and Design: a Proposal for Regenerative Campus Development at the Swedish University of Agricultural Sciences (SLU) in Ultuna, Sweden.** *Christine Hempel, Daniel Bergquist and John Lööf Green,* Swedish University of Agricultural Sciences, Sweden

15:50-16:10- **A pragmatic framework for setting up transdisciplinary sustainability research on-campus that can make a difference.** *Griet Ceulemans,* University of Leuven (KU Leuven), Belgium

16:10-16:30 - **Biodiversity conservation in University campus – A case study from South India.** *BC Nagaraja,* Bangalore University, India

16:30-16:50- **Challenges and benefits of on-campus and off-campus sustainability research projects as an approach to education for sustainability.** *Nathal Severijns,* University of Leuven (KU Leuven), Belgium

16:50-17:00 Discussion

Session 5 – *Aula Strozzi*

- **Chair:** Richelle Pienaar, South Africa

15:30-15:50-**Closing graduates' sustainability skills gaps by using the university as a live sustainability case study** *Kay Emblen-Perry,* University of Worcester, UK

15:50-16:10- **Open Source and Sustainability: the Role of Universities.** *Giorgio Federico Signorini,* University of Florence, Italy

16:10-16:30 - **Governing the university in the perspective of the United Nations 2030 Agenda: The case of the University of Bologna.** *Paletta A., Degli Esposti M., Siboni B. and Bonoli A,* University of Bologna, Italy

16:30-16:50 – **“Salomone Sostenibile”:** an Award to ‘Communicate’ the University's Leading Role in Sustainable Development
Luca Toschi, Marco Sbardella and Gianluca Simonetta, University of Florence, Italy

16:50-17:00 Discussion

17:15-18:30 - **Round Table Discussion: A College-Level Social Science-Based Sustainability Curriculum: Its Time has Come!** (**Chair:** *Nancy Lee Wood,* Institute for Sustainability and Post-Carbon Education, Massachusetts, USA)

15:30- 17:00 – Parallel Sessions

Session 6 – *Aula Ostensio*

- Chair: Sandra Ristori - Florence

15:30-15:50- **Students' Opinion about Green Campus Initiatives: A South American University case study** *João Marcelo Pereira Ribeiro, Lenoir Hoeckesfeld, Stephane Louise Boca Santa, Giovanna Guillhen Mazaro Araujo, Ana Valquiria Jonck, Issa Ibrahim Berchin and José Baltazar Salgueirinho Osório de Andrade Guerra, University of Southern Santa Catarina (Unisul), Brazil*

15:50-16:10- **Engaging Students in Cross-Disciplinary Research and Education – A Processual Approach to Educational Development** *Ulla A. Saari, Saku J. Mäkinen, Pertti Järventausta, Matti Vilkkko, Kari Systä, Kirsi Kotilainen, Jussi Valta, Tomas Björkqvist and Teemu Laukkarinen, Tampere University of Technology, Finland*

16:10-16:30. **The Fisherman and the Farmer: a theatrical piece to engage the students in the concept of sustainability.** *Ilaria Perissi and Ugo Bardi, University of Florence, Italy*

16:30-16:50- **Green Campus and enviromental preservation on a Brazilian university** *Evanisa Fátima Reginato Quevedo Melo, Marcos Antonio Leite Frandoloso and Ricardo Henrique Reginato Quevedo Melo, University of Passo Fundo, Brazil*

16:50-17:00 Discussion

17:15 – 18:30 U.lab Social Innovation Hub training in University Campuses

Elena Piani, and Susan George. Piani Projects and University of Florence, Italy

18:30-21:30- Evening: Reception with Disco Soup (food and music – and some theater)
Organized by Ugo Bardi and Ilaria Perissi

Location: Auditorium di Santa Apollonia

Via S. Gallo, 25, 50129 Firenze

Wednesday, 12th December 2018

Morning

Plenary Presentations – Aula Magna

–Chair: Ugo Bardi

09:00-09:30- Plenary Presentation III- **INSPIRE sustainability internships: Promoting campus greening initiatives through student participation.** *Carolyn Hayles*, University of Wales, Trinity Saint David, UK

09:30-10:10- Plenary Presentation IV- **Creating a context for campus sustainability through teaching and learning: The case of open, distance and e-learning.** *Rudi Pretorius, Ryan Anderson, Anisa Khotoo and Richelle Pienaar*, University of South Africa (UNISA), South Africa

10:10-10:50- Plenary Presentation V- **Engaging Students and Campus Community in Sustainability Activities in a Major Canadian University,** *Tatiana Teslenko*, The University of British Columbia, Canada

10:50-11:00- Discussion

11:00-11:30- Break

11:30-13:00- Parallel Sessions

11:30-13:00- Session 1 Aula Magna

- Chair: Luciana Brandli, Brazil

11:30-11:45- **Sustainability in universities: with a special attention to hazardous waste management"** *Ana Maria Maniero Moreira and Wanda Maria Risso Günther*, University of Sao Paulo, Brazil

11:45-12:00- **The ECOMAPS project: how the academy can get involved in local waste management projects** *Sara Falsini and Ugo Bardi*, University of Florence, Italy

12:00-12:15- **Taking the Students to the Landfill – The Role of Universities in Disseminating Knowledge About Waste Management** *Sara Falsini, Sandra Ristori and Ugo Bardi*, University of Florence, Italy

12:15-12:30- **UNIFAAT Solid Waste Management Plan: Education and Environmental Perception.** *Estevão Brasil Ruas Vernalha, Micheli Kowalczuk Machado and João Luiz de Moraes Hoefel*, Centro Universitário UNIFAAT, São Paulo, Brazil

12:30-12:45 - **Moving Toward Zero Waste Cities: A Nexus for International Zero Waste Academic Collaboration (NIZAC).**

Jonathan Hannon, Atiq Zaman, Gustavo Rittl, Raphael Rossi, Sara Meireles and Fernanda Elisa Demore Palandí, Massey University, New Zealand; Curtin University, Australia; University of the State of Santa Catarina, Brazil; Formia Rifiuti Zero, Italy

12:45-13:00- **The Brazilian Educational System: an analysis of a hypothetical full shift to distance teaching**

José Hugo de Oliveira, Paulista University, Brazil

11:30-13:00- Session 2 – Aula Strozzi

- Chair: Colin J. Macgregor, Australia

11:30-11:45- **Involving students in implementing a campus culture of sustainability.**

Madhavi Venkatesan, Northeastern University, Massachusetts, USA

11:45-12:00- **Towards Regional Circular Economies. ‘Greening the University Canteen’ by Sustainability Innovation Labs.** *Susanne Maria Weber and Marc-André Heidelmann*, Philipps-University of Marburg, Germany

12:00-12:15- **Whale HUB | Museum collections and contemporary art to promote sustainability among higher education students** *Valeria D'Ambrosio and Stefano Dominici*, Museum of Natural History, University of Florence, Italy

12:15-12:30-**Building a context for sustainable development: Entrepreneurial teaching methodology at Tecnocampus.** *Buil-Fabregá Marian*, Universitat Pompeu Fabra, Spain

12:30-12:45 - **The University of São Paulo Environmental Policy Master Plan and Pilot Projects for Pirassununga and Ribeirão Preto campuses**

Patricia Faga Iglecias Lemos, Fernanda da Rocha Brando and Tamara Maria Gomes Aprilanti, University of São Paulo, Brazil

12:45-13:00- Discussion

11:30-13:00- Session 3- Aula Ostensio

Chair: Daniel Bergquist, Sweden

11:30-11:45--**Campus Sustainability, Organizational Learning, and Sustainability Reporting: an Empirical Analysis.** *Camille Washington-Ottombre*, Smith College, Northampton MA, USA

11:45-12:00-**How structures of a Green Campus promotes the development of sustainability competences. The experience of University of Bologna.** *Gabriella Calvano, Alessandra Bonoli and Angelo Paletta*, University of Bari and University of Bologna, Italy

12:00-12:15- **Envisioning green solutions for reducing the ecological footprint of a university campus** *Chiara Genta, Silvia Favaro, Giulia Sonetti, Caterina Barioglio and Patrizia Lombardi*, Politecnico di Torino and Università di Torino, Italy

12:15-12:30- **University campuses as town-like institutions: promoting sustainable development in cities using the Water-Sensitive Urban Design approach** *Vitor Gantuss Rabêlo, Issa Ibrahim Berchin, José Humberto Dias de Toledo, Liane Ramos da Silva and José Baltazar Salgueirinho Osório de Andrade Guerra*, University of Southern Santa Catarina (Unisul) and Universidade Federal de Santa Catarina (UFSC), Brazil

12:30-12:45 - **Sustainable Universities: a comparison of the ecological footprint, happiness and academic performance among students of different courses** *Alves-Pinto Jr, M. J. and Giannetti, B. F.*, Paulista University, Brazil

12:45-13:00- Discussion

13:00-14:00- Lunch

Afternoon: *Aula Magna*

14:00-14:30- Final Session and hand over of best paper awards

14:30- Symposium closes

15:30 Optional group tours

Meeting point: the entrance of the “Rettorato” – where the Aula Magna is (piazza San Marco 1). Transportation to the Florence Waste Management Plant will be provided. The other locations can be reached on foot. Please enlist in advance in the tour you would like to be part of.

Tour 1: The *Alia* Florence Waste Management Plant (tour guide: Dr. Sara Falsini)

Tour 2: The *Giardino Dei Semplici* Botanical Garden. (tour guide: Dr. Marina Clauser)

Tour 3: Florence Downtown Art and History (tour guide, Prof. Ugo Bardi)

Posters displayed at the Symposium

1. *Adoption of standard operating procedures to improve healthcare waste management in a Higher Education and Health Research Institution*
Nelly P.S.Domingues, Ana Maria M. Moreira and Wanda M.R.Gunther, School of Public Health, University of São Paulo, Brazil
2. **UNIFAAT Solid Waste Management Plan: Education and Environmental Perception**
Estevão Brasil Ruas Vernalha, Micheli Kowalczyk Machado and João Luiz de Moraes Hoefel, Centro Universitário UNIFAAT, São Paulo, Brazil
3. **Sustainability in Higher Education: The Impact of Transformational Leadership on Followers' Innovative Outcomes. A Framework Proposal**
Reem Al-Mansoori, Hamad Bin Khalifa University, Qatar
4. **Implementation and evaluation of a didactic proposal to mitigate climate change in Higher Education**
Pedro Vega-Marcote and Mercedes Varela-Losada, University of a Coruña and University of Vigo, Spain
5. **An overview of campus greening initiatives at universities in Romania**
Mihaela Sima, Dan Balteanu and Ines Grigorescu, Institute of Geography, Romania
6. **A pragmatic framework for setting up transdisciplinary sustainability research on-campus that can make a difference**
Griet Ceulemans, University of Leuven (KU Leuven), Belgium
7. **Challenges and benefits of on-campus and off-campus sustainability research projects as an approach to education for sustainability**
Nathal Severijns, University of Leuven (KU Leuven) , Belgium
8. **BASE: a sustainable path for the University of Milano-Bicocca**
Giacomo Magatti, Massimiliano Rossetti, Matteo Colleoni and Massimo Labra, University of Milano-Bicocca, Italy