



Ca' Foscari
University
of Venice
Department of
Molecular Sciences
and Nanosystems



SSSC 2026

PhD Spring School: Smart Sustainable Systems in Chemistry

April 8th – 9th, 2026

Conference Room Orio Zanetto, Scientific Campus

SSSC 2026 provides PhD candidates with advanced methodological tools to navigate the complexities of sustainable chemistry. This year, the school focuses on the synergy between experimental design and data processing to create more efficient, “smart” chemical systems.

Wednesday, April 8th *Theory & Application*

9.00 – 9.10 **Opening Remarks**

Prof. **Claudia Crestini**, Coordinator of the PhD in Sustainable Chemistry
Prof. **Michele Back**, Scientific Coordination

9.10 – 10.40 **Design of Experiments (DoE)**

Prof. **Alessandro Ulrici**, *Planning and optimizing chemical measurements with Design of Experiments*

10.40 – 11.00 Coffee Break

11.00 – 12.30 **Multivariate Processing of Chemical Data**

Prof. **Paolo Oliveri**, *Introduction to multivariate analysis of chemical data*

12.30 – 14.00 Lunch Break

14.00 – 17.30 **Afternoon Workshop: Hands-on Session**

Led by Dr. **Enmanuel Cruz Muñoz**, Prof. **Heiko Lange**

Dr. **Enmanuel Cruz Muñoz**, *Multivariate Data Analysis: A Practical Tutorial*

Team Work on Diverse Case Studies

Thursday, April 9th *Innovation & Recognition*

9.30 – 12.00 **Student Presentations**

Team Presentations of Analysis Results from group work. 5–6 Groups (15–20 minutes each)

Final Discussion: Questions and Insights

12.00 – 12.30 **Awards & Closing**

Best Work Award: Recognition of the most insightful group project.
Closing Remarks: Prof. **Claudia Crestini**.

Registration Deadline: **March 9th 2026**

Meet the Faculty

Claudia Crestini, PhD Coordinator & Expert in Sustainable Chemistry
Alessandro Ulrici, Università degli Studi di Modena e Reggio Emilia, Specialist in Chemometrics & Experimental Design

Paolo Oliveri, Università degli studi di Genova, Expert in Multivariate Data Analysis

Heiko Lange, Università degli studi di Milano Bicocca, Coordinator for Applied Research & Hands-on Training

Enmanuel Cruz Muñoz, Università degli studi di Milano Bicocca, Applied Research & Hands-on Training

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