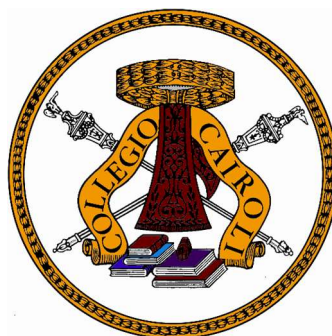




UNIVERSITÀ
DI PAVIA

*XVII Annual Meeting
of the Pericyclic Reaction Centre
Pavia, November 28-29 - 2019
Collegio Fratelli Cairoli*



In Memory of Professor Pierluigi Caramella



SCHRÖDINGER®



Scientific Program

November 28, 2019

14:00 Open Ceremony

14:20 **Kendal N. Houk** University of California Los Angeles
"Pierluigi Caramella, Bis-Pericyclic Transition States,
and the Dynamic View of Organic Reactions"

15:10 **Valentina Pirovano** University of Milan
"Catalytic Transformations of Indoles: Recent Achievements and New Perspectives
for the Synthesis of Complex Indole Derivatives"

15:30 **Maurizio D'Auria** University of Basilicata
"Chiral Photochemical Cycloaddition of Cyclohexanone to a Chiral alkene"

15:50 **Sara Meninno** University of Salerno
"Organocatalytic Strategies for the Asymmetric Synthesis of Seven to Three
Membered Heterocycles"

16:10-16:30 *Coffee break*

16:30 **Davide Branduardi** Schrodinger Inc., New York City, USA
"Density Functional Theory-Based pKa Prediction: Application to Flexible Organic
Molecules and Impact on Binding Affinity Prediction"

16:50 **Anna Ranzenigo** University of Florence
"Deuterium Labeling of a Pyrroline N-Oxide and its Use in the Synthesis of Labeled
Lentiginosine"

17:10 **Francesca Foschi** University of Insubria
"Serine and Isoleucine Derivatives: Synthesis of Morpholine Carboxylic Acids"

17:30 **Luigi Vaccaro** University of Perugia
"Sustainable Methodologies for the Synthesis and Functionalization of Heterocyclic
Systems"

18:00 **Assemblea del Centro Pericicliche**

20.00 Social Dinner at Collegio Cairoli

November 29, 2019

09:00 **Ugo Chiacchio, Maria A. Chiacchio and Laura Legnani** University of Catania
"Cycloaddition and Computational Studies: a 35 Years Lasting Story"

09:50 **Salvatore V. Giofré** University of Messina
"*N,N*-Bis-Triazol-Sulfenamides: a New Family of Halogen Free Flame Retardants"

10:10 **Immacolata Tufano** - University of Napoli
"Synthesis of Novel Lignan-like Compounds and Their Antimicrobial Activities"

10:30 **Camilla Loro** University of Insubria
"Cyclization/ Azidation of Unactivated Alkenes by Palladium-Catalyzed Reactions
en-route to Azidomethyl-Substituted Heterocycles"

10:50-11:10 *Coffee Break*

11:10 **Camilla Matassini** University of Florence
"Multimerization of Dab-1-Based Imunosugars through Iteration of the Nitronc
Cycloaddition/Ring-Opening/ Allylation Sequence"

11:30 **Giacomo Biagiotti** University of Firenze
"Functionalization of Carbon Nanomaterials Using Copper Catalyzed
Cycloadditions with primary Nitro Compounds or alkynes"

11:50 **Roberto Cammi** University of Parma
"The Effect of Pressure on Organic Reactions inn Fluids: a New Theoretical
perspective"

12:10 **Paolo Quadrelli**
"30 Years of Cycloaddition Chemistry"

12:40 *Closing remarks*

13:00 *Lunc*

