

# Symposium in Memory of Prof. Carlo Alberto Bignozzi

## (3<sup>rd</sup> circular)



**Professor Carlo Alberto Bignozzi** was a Full Professor of General and Inorganic Chemistry at the University of Ferrara and an Honorary Professor at the same institution. He pioneered studies on charge and energy transfer processes in coordination compounds, being among the first to demonstrate the feasibility of dye-sensitized solar cells. Through several collaborations with industrial groups, he focused on self-assembly, nanomaterials, surface chemistry, and smart materials for photocatalytic, pharmaceutical, and environmental applications.

He was an eclectic scientist endowed with great energy and sharp chemical intuition, as well as a brilliant educator for his students and pupils. This symposium aims at celebrating his outstanding scientific career and the inspiration his profound passion for research gave to many scientists in the photochemistry field.

The symposium will take place on **June 13<sup>th</sup>** at the **“Nuovi Istituti Biologici – Polo Chimico Biomedico” Aula E1 (via Luigi Borsari 46, Ferrara)**. Invited lectures will be delivered by top scientists and researchers in the field of photochemistry and materials, whose scientific achievements were profoundly inspired by prof. Bignozzi’s research.

The symposium is free of charge, but **registration must be completed by May 24<sup>th</sup>** using this link <https://forms.gle/VQfwsNMoNZwy37sN9>. Please note that venue capacity is limited, so we kindly ask you to register only if you fully intend to participate.

Confirmed speakers ([schedule on the next page](#)):

- *Gerald J. Meyer (University of North Carolina at Chapel Hill)*
- *Felix N. Castellano (North Carolina State University)*
- *Claudia Barolo (University of Torino)*
- *Aldo Di Carlo (University of Roma “Tor Vergata”)*
- *Sebastiano Campagna (University of Messina)*
- *Philippe C. Gros (CNRS, University of Grenoble Alpes)*
- *Francesco Paolucci (University of Bologna)*
- *Alessandro Aliprandi (University of Padova)*
- *Filippo De Angelis (University of Perugia)*
- *Valeria Dissette (Pharmaceutical Consultant and DEB<sup>x</sup> Medical)*

### Organizing Committee

Stefano Caramori  
Serena Berardi

Mirco Natali  
Stefano Carli

Alessandra Molinari  
Vito Cristino



Università  
degli Studi  
di Ferrara



## Scientific program

9.00 – 9.30	Registration and Opening Remarks
9.30 – 9.40	Institutional greetings by the <b>Rector of the University of Ferrara, Prof. Laura Ramaciotti</b>
9.40 – 10.00	<b>Prof. Gerald J. Meyer</b> (University of North Carolina at Chapel Hill) "Supramolecular Photochemistry at Semiconductor Interfaces"
10.00 – 10.20	<b>Prof. Felix N. Castellano</b> (North Carolina State University) "More Than Just Ligand Field: Design Strategies for Cr(III) Spin-Flip Photosensitizers"
10.20 – 10.40	<b>Prof. Claudia Barolo</b> (University of Torino) and <b>Prof. Aldo Di Carlo</b> (University of Roma "Tor Vergata") "The contribution of Carlo Alberto Bignozzi to new generation photovoltaics in Italy"
10.40 – 11.00	<b>Prof. Sebastiano Campagna</b> (University of Messina) "Excited-state equilibration between LMCT and charge-separated states can prolong luminescence lifetimes of Fe(III) compounds"
11.00 – 11.20	Coffee Break
11.20 – 11.40	<b>Prof. Philippe C. Gros</b> (CNRS, University of Grenoble Alpes) "Recent advances in Earth-abundant Metal-based Photosensitizers for Solar Energy Conversion"
11.40 – 12.00	<b>Prof. Francesco Paolucci</b> (University of Bologna) "Carbon-based hierarchical nanostructures for electrocatalysis"
12.00 – 12.20	<b>Prof. Alessandro Aliprandi</b> (University of Padova) "Autonomously Fueled Light-Emitting Cycles: Evolution from Regenerative Chemiluminescence to Dissipative States"
12.20 – 12.40	<b>Prof. Filippo De Angelis</b> (University of Perugia) "20 plus years of simulations on dye-sensitized solar cells"
12.40 – 13.00	<b>Dr. Valeria Dissette</b> (Pharmaceutical Consultant and DEB <sup>x</sup> Medical) "A science driven by innovation. The legacy of Professor Carlo Alberto Bignozzi"
13.00 – 13.10	Closing remarks
13.30 – 15.00	Lunch * (in the city center)

\* Please note that lunch will be offered to all speakers.

Other participants wishing to join should kindly send an email to [serena.berardi@unife.it](mailto:serena.berardi@unife.it) by May 24th, indicating any dietary requirements, and cover the cost of their share.