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# ALFREDO DA SILVA

## CHEMISTRY FOR LIFE

May 12, 2021

**Promoters:**

Universidade de Aveiro

FEUP - Faculdade de Engenharia da Universidade do Porto

APQuímica

Fundação Amélia de Mello





## CHEMISTRY FOR LIFE

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### About the Conference:

In the celebrations of the 150th anniversary of Alfredo da Silva, Chemistry would have to have a strong presence, since undoubtedly the development of the Chemical Industry in Portugal was central to the life of this great entrepreneur, through the expansion of CUF Company, today Bondalti.

Since its birth as Science and until today, Chemistry has played a central role in economic development and in the well-being of our society.

Humanity currently faces great challenges in the implementation of a model of sustainable development that, by tackling climate change and the depletion of resources, allows it to simultaneously respond to the needs and increase the quality of life of a growing population, in areas such as food, drinking water, energy, health, hygiene and comfort.

Chemistry is increasingly at the center of the search for solutions to these challenges.

In this context, celebrating Chemistry, showing some examples of what is better done in research in this area in Portugal and in the World, as well as analysing the future perspectives of the respective Industry, is the best way to pay homage to this greatest Personality of Portuguese life.

To achieve this goal, the *Fundação Amélia de Mello*, the Department of Chemistry of the University of Aveiro, the Department of Chemical Engineering of the Faculty of Engineering of the University of Porto and APQuímica, a business association in the sector, joined forces to provide the society a set of lectures, bringing together industry representatives at European level and several Portuguese scientists recognized worldwide, to demonstrate that Chemistry is playing a key role towards a better future, in essential areas.



## PROGRAM

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### 09:00 Opening

Teaser about Alfredo da Silva

**Vasco de Mello**, President of FAM

**João Falcão e Cunha**, Director of FEUP

**Luís Delgado**, President of APQuímica

**Paulo Jorge Ferreira**, Rector of UA

### 09:30 “Chemistry – Industry of the Future”

9:30 “The challenges of the climate transition at Bondalti” – **João de Mello**, Bondalti

9:50 “How Science can advance Health” – **Peter Vilax**, Hovione

10:10 Vision of the future of the european chemistry industry – **Marco Mensink**, CEFIC

### 10:30 Q&A

### 10:45 “New frontiers in Chemistry”

11:05 “The challenges of chemistry: Opportunities for the new generations of Portuguese researchers” – **Joaquim L. Faria**, SPQ – Sociedade Portuguesa de Química

11:00 “Energy Technologies: a magical bubbling world” – **Adélio Mendes**, FEUP – Faculty of Engineering of the University of Porto

11:20 “Green Chemistry: opportunities created by water and ionic liquids in obtaining high-value products from biomass” – **Mara Freire**, UA – University of Aveiro

11:40 “Chemistry and Health: The Role of (bio)materials” – **João Mano**, UA – University of Aveiro

12:00 “Chemistry for Food Innovation” – **Manuela Pintado**, UCP – Catholic University of Portugal

### 12:20 Q&A

### 12:35 Closing

**João Pedro Matos Fernandes** – Minister of Environment and Climate Action