

EVF'2021 | 8th International conference on "Energy and City of the Future"

26 NOVEMBRE 2021 • CERGY • AUDITORIUM DE L'IPSL



In memory of A-M Darcherif



EVF'2021 8th INTERNATIONAL CONFERENCE ON ENERGY AND CITY OF THE FUTURE

1) About EVF Conference Series

The EVF Series « Energy and City of the Future » EVF' was created by Prof. A.-Moumen DARCHERIF (ECAM-EPMI, Cergy-Pontoise, France), Prof. M. EL GANAOUI (University of Lorraine, France) and Prof. J.-M. NUNZI (Queens University, Canada).

EVF conferences aim to bring together academic researchers, industrial, scientists and city political actors to exchange their experiences and research results about all aspects (historical, societal, environmental, conceptual, methodological, practices ...) dealing with the Energy and the City of the Future. The previous editions were organized in Cergy-Pontoise France (2014); Tetouan Morocco (2015); Queens Canada (2016); Longwy France (2017); Fès Morocco (2018); Pune India (2019), Remote (2020).

The 7 former editions of EVF Conference are as follow:

	Year	Venue
EVF' 2014		Cergy (France)
EVF' 2015		Tétouan (Maroc)
EVF' 2016		Kingston (Canada)
EVF' 2017		Longwy (France)
EVF' 2018		Fès (Maroc)
EVF' 2019		Pune (Inde)
EVF' 2020		Remote
EVF' 2021		Cergy (France)

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2) The 8th Edition of EVF

2.1) About the 8th Edition

EVF'2021 – 8th International Conference on Energy and City of the Future happened both at **Cergy-Pontoise (France)** and simultaneously **online**, for a one-day event on **November 26, 2021**. This 8th edition was a special one, **dedicated to the memory of Prof. A.-Moumen DARCHERIF**.

2.2) Conference organization

The conference was organized in two parts:

- The first (09:30-11:00) one concerns the **tribute to Prof. DARCHERIF**.

Testimonies came from:

Ikram DARCHERIF (General director of ECAM-EPMI), Luis MOLINA (President of EPMI), Robert LELOUP (Former President of EPMI), Grégoire MENTRE (President of Alumni EPMI), Dominique ROLLAND (1er Vice President Alumni INP Grenoble), Marie-Gabrielle MERY (Director of Seynergie Lab), Maurice CHAYET (Former Director of Studies at ECAM-EPMI), Jean-Pierre ROZELOT (President at Urban Community of Pays de Grasse - Development Council), Didier DESPLANCHE (General director of ECAM Lyon), Pierre TAPIE (President of PAXTER), Magali JAOUEN (Deputy Vice-President for Site Policy at CY Cergy Paris University), Konstantin DIMITROV (Professor TU Sofia, Bulgaria), Maurice PERRAULT (Former President of EPMI Fondation), Jean-Pierre BARBOT (Professor ENSEA LS2N-UMR 6004-CNRS Nantes), Simon SKIRA (Project manager GE2P "Grandes Écoles Pour la Paix" created on the initiative of ECAM-EPMI), Rafik ABSI (Director of Research at ECAM-EPMI), Mohammed EL GANAOUI (Professor University of Lorraine, France), Jean-Michel NUNZI (Professor Queens University, Canada).

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ECAM EPMI

UNIVERSITÉ
DE LORRAINE

IUT
Henri Poincaré
LONGWY

Queens

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- The second part was divided in 4 scientific parallel sessions as follows:
 - City and buildings of the future
 - Energy and management
 - Factories of the Future
 - Transport and Mobility

2.3) Plenary Conferences

- **Dr Pierre TAPIE**, President, PAXTER, PARIS
Higher Education and Employment Worldwide: beyond ideology, the challenge of data for the academic community
- **Prof. Elhem Ghorbel**, CY Cergy Paris University, L2MGC
On waste recovery in concrete: a state of art and studies in progress
- **Prof. Jean-Michel NUNZI**, Queen's University, Canada
Nanophotonics for the city: photocatalytic water remediation and metamaterial mediated radiation management

2.4) Participants

More than 100 participants from 12 countries:





3) Preface

How could one not have the city of tomorrow in one's mind and in particular in this period which has faced several singular episodes.

IPCC reports are bringing more and more new elements about the urgency of the climate situation which has become perceptible beyond scientific experience and its fine and evolving sensors. Animals with their sensitive sensors have already perceived certain changes in advance of mankind. Man is able today to perceive abnormal changes in a reduced life cycle, which underlines how close the danger has become.

The other element being the pandemic which has affected the whole planet and is forcing ordinary citizens to think about the future of the Life "VIE" and the City "VILLE". Reversed migrations from the city to the countryside, for example, have been observed following the progressive and repetitive confinements in different countries.

In this context, the topic of the City of the future, already topical, has been legitimized by decision-makers as well as by modern-day thinkers. Previous editions have also allowed a serious scientific foundation in both French-speaking (France, Morocco editions) and English-speaking (Canada, India editions) countries.

The year 2021 was marked by a bereavement which impacted our event, the sad loss of one of the founder members of EVF Conference series, Professor Moumen Darcherif, who sadly left us in February 2021. Great men leave us but their positive initiatives must continue. This edition, of a joint face-to-face and remote symposium, is dedicated to his memory and has witnessed heart-moving and vibrant speeches.

M. EL GANAOUI (University of Lorraine, France), J.-M. NUNZI (Queens University, Canada), I. EL ABBASSI and R. ABSI (ECAM-EPMI, Cergy-Pontoise, France).