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Keynote lectures

Recent progress in European renewable energy adoption

*Rainer Hinrichs-Rahlwes**

*speaking author at European Renewable Energies Federation, Brussels, Belgium



Rainer Hinrichs-Rahlwes

Rainer Hinrichs-Rahlwes is a renewable energy expert with more than 20 years of professional and honorary experience. He is actively working for and promoting enabling policy frameworks and fair market conditions for a fully Renewables based energy system.

At present, he is a Vice-President of the European Renewable Energies Federation (EREF), after having served as the associations President from 2010 to 2014. He is representing EREF as a Steering Committee Member of the Global Policy Network for the 21st Century (REN21).

Rainer is also a Board Member of the German Renewable Energy Federation (BEE) and the Chairman of BEE's European and international affairs Committee. He is representing both EREF and BEE at the Global100%Renewables platform.

Representing EREF or BEE, or as a senior expert, Rainer is closely working with international institutions or association, such as the International Renewable Energy Agency (IRENA), e.g. representing EREF in IRENA's Coalition for Action, or with the International Energy Agency (IEA). Rainer has been working with the World Renewable Energy Network (WREN) for more than a decade, at present serving as the network's Head of the Policy, Finance, Education and Sustainability Committee. In 2016, he was appointed as a member of WREN's Advisory Council. From 1998 to 2005, Rainer was a Director General in the German Federal Ministry for the Environment, Nature Conservation and Nuclear Safety (BMU). On behalf of the Ministry, he was a co-chair of the International Steering Committee (ISC) preparing the 1st International Renewable Energy Conference (IREC), the renewables2004 conference in Bonn, Germany. The ISC was later transformed to become REN21.

Building Integrated Photo-Voltaics (BIPV) applications in cities and related business models

P. Hendrick, Q. Crabbé*

*speaking author at Université Libre de Bruxelles, Brussels, Belgium



Patrick Hendrick

Patrick Hendrick is the head of the Department Aero-Thermo-Mechanics at the Faculty of Engineering at ULB and Chairman of the Belgian Energy Research Alliance (BERA), which is part of the European Energy Research Alliance (EERA). He is involved in research projects and activities related to engines and renewable energy sources.

Available

*Author**

*speaking author at

Photo	Author
Author is	

Business model valuation for smart grids with storage

*Kourosh Malek**


*speaking author at University of Waterloo, Waterloo, Canada

Photo	Kourosh Malek
Kourosh Malek is	

Building integrated energy storage: smart windows

*Sorin Melinte**

*speaking author at Université Catholique de Louvain, Louvain-la-Neuve, Belgium

	Sorin Melinte
Sorin Melinte is is Professor of Electrical Engineering in the Institute of Information and Communication Technologies, Electronics and Applied Mathematics at Université Catholique de Louvain, Louvain-la-Neuve, Belgium. His current projects aim at developing novel nano- and micro-systems and hybrid inorganic-organic materials for energy harvesting and conversion as well as co-integration of Li-ion technology with emerging electronic products into smart windows.	

Available

*Author**

*speaking author at

Photo	Author
Author is	

Programme 5th RESRB 2020

Monday 6 July 2020	
08.30-09.00	Registration (Hall)
09.00-09.05	Opening session (Room A)
09.05-10.00	Keynote lecture session 1 (Room A) Recent progress in European renewable energy adoption <i>Rainer Hinrichs-Rahlwes*</i> *speaking author at European Renewable Energies Federation, Brussels, Belgium BIPV applications in cities and related business models <i>P. Hendrick*, Q. Crabbé</i> *speaking author at Université Libre de Bruxelles, Brussels, Belgium Available <i>Author*</i> *speaking author at
10.00-13.00	Coffee break (Hall)
10.30-12.00	Oral lecture session 1 - Solar resources (Room A) Available <i>Author*</i>
10.30-12.00	Oral lecture session 2 - Wind resources (Room B) Available <i>Author*</i>
12.00-12.30	Oral lecture session 3 - Renewable hydrogen for mobility and household applications (Room A) Auto-collective self-consumption, influence of (collective) battery energy storage <i>P. Hendrick*, S. Koroglu, E. Penalvo</i> Available <i>Author*</i>
12.00-12.30	Oral lecture session 4 - Business development II (Room B) Available <i>Author*</i>
12.30-13.15	Lunch break (Restaurant)
13.15-15.30	Oral lecture session 5 - Biomass resources (Room A) Available <i>Author*</i>
13.15-15.30	Oral lecture session 6 - Hydro resources (Room B) Available <i>Author*</i>
15.30-15.45	Coffee break (Hall)
15.45-16.45	Short communication session 1 (Room A) Available <i>Author*</i>
16.45-17.00	ISC and SAB Meeting (Room A)
Tuesday 7 July 2020	
08.30-09.00	Registration (Hall)
09.00-10.00	Keynote lecture session 2 (Room A) Business model valuation for smart grids with storage <i>Kourosh Malek*</i> *speaking author at University of Waterloo, Waterloo, Canada Available <i>Author*</i>

	speaking author at Available <i>Author</i> *speaking author at
10.00-10.30	Coffee break (Hall)
10.00-12.30	Oral lecture session 7 - Business development III (Room A) Available <i>Author*</i>
10.00-12.30	Oral lecture session 8 - Business proposals (Room B) Available <i>Author*</i> *speaking author at Towards commercialisation of renewable energy innovations in Europe Wojciech Budzianowski* *speaking author at Wojciech Budzianowski Consulting Services, Wrocław, Poland Available <i>Author*</i> *speaking author at
12.30-13.15	Lunch break (Restaurant)
13.15-14.45	Oral lecture session 9 - Biomass resources (Room A) Available <i>Author*</i>
13.15-14.45	Oral lecture session 10 - Geothermal resources (Room B) Available <i>Author*</i>
14.45-15.00	Coffee break (Hall)
15.00-16.00	Short communication session 2 (Room A) Available <i>Author*</i>
16.00-16.45	Panel discussion (Room A)
16.45-17.00	Closing session (Room A) - Award ceremony (1) Best conference lecture (2) Best conference lecture by student (3) Best conference virtual presentation (4) Best conference virtual presentation by student