



## INVITED SESSION SUMMARY

Title of Session: From industrial pollutions to clean energy

Name, Title and Affiliation of Chair: Professor Abdeslam-Hassen MENIAI, Laboratoire de l'Ingénierie des Procédés de l'Environnement, Université Mentouri Constantine Algeria

Details of Session (including aim and scope):

*The exploitation of new energy sources constitute an essential and a worldwide issue, particularly with the exhaustion of the hydrocarbon resources and with the ever growing demand to satisfy large populations who have no access to conventional energy resources. This resulted in the development of production chains of clean and renewable energy with practically no environmental impact.*

*A great variety of industrial effluents from various industries like the food industry, are released with wastes and biomass having an important carbon load. Several treatment processes such as direct firing, co firing, gasification, anaerobic digestion, etc. do exist and are in a constant development, as confirmed by the important consented investment during the recent year, in many countries.*

*The aim of the 'From industrial pollutions to clean energy' will be to examine issues challenging growth in the Biomass and Waste to Energy sectors with scopes like the anaerobic digestion of organic waste for bio-energy reclamation, the biofuels production (H<sub>2</sub> and CH<sub>4</sub>) from organic waste, etc.*

Main Contributing Researchers / Research Centres (tentative, if known at this stage):

Contributing Researchers:

- Prof Meniai Abdeslam-Hassen
- Prof Bencheikh Lehocine Mossaab,
- Dr Derbal Kerroum,
- Dr Zamouche Rania,
- Prof Franco Cecchi,
- Prof Paulo Pavan,
- Dr David Bolzonella

Research Centres:

- Centre de développement des énergies renouvelables, Algiers Algeria, [cder@nasr-dz.org](mailto:cder@nasr-dz.org)

Website URL of Call for Papers (if any)://

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