

Frédéric Chandezon, Dr. Ing. Hab. (male) holds an engineer degree in physics (1991) from the Physics and Chemistry school of Paris (ESPCI) and a Ph.D. degree from Grenoble University (1994). After a postdoctoral stay at the Niels Bohr Institute in Copenhagen, he joined CEA in Grenoble as research scientist (1996). His research interests include nanoparticles and nanomaterials for energy applications. He has an extensive experience in management and international cooperation. Until 2020, he headed the SyMMES laboratory, a CEA-CNRS-Grenoble University joint laboratory (total staff approx. 120) developing basic research on themes related to low carbon energy and health and the DIESE Departement of the Interfaces for Energy, Health and Environment (one of the five departments of the IRIG institute) with a total staff approx. 250. From 2013 to 2020, he coordinated the EERA Joint Programme AMPEA (Advanced Materials and Processes for Energy Applications). Since 2006, he has been involved in scientific and academic cooperation with universities and research organizations in Latin America. After co-chairing the International Conference of Spectroscopy SPECTRA 2009, he was a founding member of the Nano-Andes network in 2010, dedicated to developing nanoscience in Latin-American countries through summer schools, workshops and collaborations. He was involved in the SUNRISE H2020-CSA project where he was in charge of the work package on governance. Currently, he is member of the IRIG institute at CEA Grenoble (Interdisciplinary Research Institute of Grenoble,) where he is in charge of European programmes on energy. He is also deputy coordinator of SUNERGY, an European initiative gathering more than 300 organizations from academia (universities & RTOs), industry and society. SUNERGY overarching goal is the conversion and storage of renewable energy into fossil-free fuels and commodity chemicals for the chemical and fertilizers industries.