SWISS NATIONAL SCIENCE FOUNDATION

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Careers Division
Ambizione Energy

Ambizione Energy: List of Recipients

Ambizione Energy 2015/2016: 3rd Call for proposals (4 awarded grants)

Name	First Name	Host Institution	SCCER*	Discipline	Project Title
Clausen	Pascal	EPF Lausanne	SCCER SoE – Supply of Electricity	Material Sciences	Validation of Lagrangian Meshes for the Simulation of Hydraulic Processes
Guijarro Carratalá	Néstor	EPF Lausanne	SCCER FURIES – Future Swiss Electrical Infrastructure	Physical Chemistry	Novel Interfacial Characterization and Surface Engineering in Semiconductor Electrodes for Optimized Solar Fuel Production
Michalsky	Ronald	ETH Zürich	-	Mechanical Engineering	A solar-thermal membrane reactor for the energy-efficient and continuous production of renewable syngas from CO2, H2O, and sunlight
Stylianou	Kyriakos	EPF Lausanne	-	Inorganic Chemistry	Accelarated Discovery of Nanoporous Visible Light Active Materials for Hydrogen Evolution

Ambizione Energy 2014/2015: 2nd Call for proposals (4 awarded grants)

Name	First Name	Host Institution	SCCER*	Discipline	Project Title
Jämstorp Berg	Erik	Paul Scherrer Institut	SCCER HaE - Heat & Electricity Storage: Materials, Systems, Modelling	Physical Chemistry	Interphase formation on high voltage and energy Li-ion cathodes
Peljo	Pekka Eero	EPF Lausanne	SCCER HaE - Heat & Electricity Storage: Materials, Systems, Modelling	Physical Chemistry	Thermo-electrochemistry for energy applications: Heat-to-Power copper batteries

* Swiss Competence Center for Energy Research

Name	First Name	Host Institution	SCCER*	Discipline	Project Title
Rinaldi	Antonio Pio	ETH Zürich	SCCER SoE – Supply of Electricity	Other disciplines of Earth Sciences	To induce or not to induce: an open problem. Study on injection-induced seismicity for GeoEnergy applications, from lab to field scale
Trutnevyte	Evelina	ETH Zürich	SCCER SoE – Supply of Electricity	Other disciplines of Environmental Sciences	Risk governance of electricity portfolios (RIGOROuS): Cross-technology and spatial tradeoffs of multiple risks

Ambizione Energy 2013/2014: 1st Call for proposals (4 awarded grants)

Name	First Name	Host Institution	SCCER*	Discipline	Project Title
Alarcon Llado	Esther	EPF Lausanne	-	Material Sciences	Novel materials and methods for solar fuel generation
Bodnarchuk	Maryna	ETH Zürich	SCCER HaE - Heat & Electricity Storage: Materials, Systems, Modelling	Inorganic Chemistry	Novel high-energy-density electrode materials for Sodium(Lithium)-ion batteries: a nanocrystal approach
Farinotti	Daniel	Eidg. Forschungsanstalt – WSL / ETH Zürich	SCCER SoE – Supply of Electricity	Hydrology, Limnology, Glaciology	Decadal hydro-glaciological forecasts for the Swiss hydropower sector in high mountain catchments
Lesch	Andreas	EPF Lausanne	SCCER HaE - Heat & Electricity Storage: Materials, Systems, Modelling	Physical Chemistry	Inkjet-printed bi-functional electrodes for the reduction and evolution of oxygen in rechargeable batteries

19.05.2016