

Ambizione Energy: Liste der Beitragsempfängerinnen und Beitragsempfänger

Ambizione Energy 2016/2017: 4. Ausschreibung (8 Beiträge)

Name	Vorname	Gastinstitution	SCCER*	Disziplin	Projekttitle
Boccard	Mathieu	EPF Lausanne	-	Mikroelektronik, Optoelektronik	Ideal hole and electron contacts to silicon wafers: theory and application to next generation photovoltaic devices (ICONS)
Grancini	Giulia	EPF Lausanne	-	Materialwissenschaften	Engineering HYbrid multidimensional interfaces for high efficient and stable PERovskite solar cells HYPER
Herranz	Juan	Paul Scherrer Institut	SCCER FURIES – nachhaltige Energiequellen in Netze und Systeme integrieren SCCER SoE – Energieversorgung ohne Unterbrechung SCCER Mobility - Effiziente Konzepte, Prozesse und Komponenten in der Mobilität	Physikalische Chemie	Composition / Porosity Effects on the Activity, Performance and Stability of Non-Noble Metal, O ₂ -Reduction Catalysts for Polymer Electrolyte Fuel Cells
Moreau	Vincent	EPF Lausanne	SCCER CREST – Ökonomie, Umwelt, Recht, Verhalten	Andere Gebiete der Ingenieurwissenschaften	Beyond efficiency: harnessing threshold effects for long term energy reductions
Passelegue	Francois	EPF Lausanne	SCCER SoE – Energieversorgung ohne Unterbrechung	Geophysik	Stability and healing processes of fault during fluid-injection: from the lab to the field
Segundo Sevilla	Felix Rafael	Zürcher Hochschule für Angewandte Wissenschaften ZHAW	SCCER FURIES – nachhaltige Energiequellen in Netze und Systeme integrieren	Elektroingenieurwesen	Stability Assessment of Forthcoming Power Networks with Massive Integration of Renewable Energy Sources

* Swiss Competence Center for Energy Research

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Stamatiou	Anastasia	Hochschule Luzern HSLU	SCCER FEEB&D - Nachhaltige Gebäude-technik mit Zukunft SCCER HaE - Heat & Electricity Storage: Materialien, Systeme, Modelle	Maschineningenieurwesen	DENSE: Direct-contact ENergy StoragE – high thermal power in compact storage systems using esters as phase change materials
Tress	Wolfgang	EPF Lausanne	-	Materialwissenschaften	Photonic Design for Highly-Efficient Luminescent Thin-Film Perovskite Solar Cells

Ambizione Energy 2015/2016: 3. Ausschreibung (4 Beiträge)

Name	Vorname	Gastinstitution	SCCER*	Disziplin	Projekttitle
Clausen	Pascal	EPF Lausanne	SCCER SoE – Energieversorgung ohne Unterbrechung	Materialwissenschaften	Validation of Lagrangian Meshes for the Simulation of Hydraulic Processes
Guijarro Carratalá	Néstor	EPF Lausanne	SCCER FURIES – nachhaltige Energiequellen in Netze und Systeme integrieren	Physikalische Chemie	Novel Interfacial Characterization and Surface Engineering in Semiconductor Electrodes for Optimized Solar Fuel Production
Michalsky	Ronald	ETH Zürich	-	Maschineningenieurwesen	A solar-thermal membrane reactor for the energy-efficient and continuous production of renewable syngas from CO ₂ , H ₂ O, and sunlight
Stylianou	Kyriakos	EPF Lausanne	-	Anorganische Chemie	Accelerated Discovery of Nanoporous Visible Light Active Materials for Hydrogen Evolution

Ambizione Energy 2014/2015: 2. Ausschreibung (4 Beiträge)

Name	Vorname	Gastinstitution	SCCER*	Disziplin	Projekttitle
Jämstorp Berg	Erik	Paul Scherrer Institut	SCCER HaE - Heat & Electricity Storage: Materialien, Systeme, Modelle	Physikalische Chemie	Interphase formation on high voltage and energy Li-ion cathodes

Name	Vorname	Gastinstitution	SCCER*	Disziplin	Projekttitle
Peljo	Pekka Eero	EPF Lausanne	SCCER HaE - Heat & Electricity Storage: Materialien, Systeme, Modelle	Physikalische Chemie	Thermo-electrochemistry for energy applications: Heat-to-Power copper batteries
Rinaldi	Antonio Pio	ETH Zürich	SCCER SoE – Energieversorgung ohne Unterbrechung	Andere Gebiete der Erdwissenschaften	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 – Energieversorgung ohne Unterbrechung	Andere Gebiete der Umweltwissenschaften	Risk governance of electricity portfolios (RIGOROUS): Cross-technology and spatial tradeoffs of multiple risks

Ambizione Energy 2013/2014: 1. Ausschreibung (4 Beiträge)

Name	Vorname	Gastinstitution	SCCER*	Disziplin	Projekttitle
Alarcon Llado	Esther	EPF Lausanne	-	Materialwissenschaften	Novel materials and methods for solar fuel generation
Bodnarchuk	Maryna	ETH Zürich	SCCER HaE - Heat & Electricity Storage: Materialien, Systeme, Modelle	Anorganische Chemie	Novel high-energy-density electrode materials for Sodium(Lithium)-ion batteries: a nanocrystal approach
Farinotti	Daniel	Eidg. Forschungsanstalt – WSL / ETH Zürich	SCCER SoE – Energieversorgung ohne Unterbrechung	Hydrologie, Limnologie, Glaziologie	Decadal hydro-glaciological forecasts for the Swiss hydropower sector in high mountain catchments
Lesch	Andreas	EPF Lausanne	SCCER HaE - Heat & Electricity Storage: Materialien, Systeme, Modelle	Physikalische Chemie	Inkjet-printed bi-functional electrodes for the reduction and evolution of oxygen in rechargeable batteries

27.06.2017