

## Assistant Professor (AP) Energy Grants: List of Recipients

### AP Energy Grants 2016/2017: 4<sup>th</sup> Call for proposals (5 awarded grants)

Name	First Name	Host Institution	SCCER*	Discipline	Project Title
Agrawal	Kumar Varoon	EPF Lausanne	SCCER FEE&D – Future Energy Efficient Buildings & Districts	Chemical Engineering	Tunable synthesis of size-selective nanopores in graphene for energy-efficient hydrogen purification and carbon capture
Hänni	Julia	Universität Luzern	SCCER CREST – Research in Energy, Society and Transition	Legal sciences	Justiciability of the Energy Strategie 2050
Lanz	Bruno	Université de Neuchâtel	SCCER CREST – Research in Energy, Society and Transition	Economics	The adoption of energy innovations: Imperfect information, network infrastructure, and intertemporal preferences
Mulleners	Karen	EPF Lausanne	-	Fluid Dynamics	Dynamic stall management for improving aerodynamic robustness of H-type wind turbine
Schaffer	Lena Maria	Universität Luzern	SCCER CREST – Research in Energy, Society and Transition	Political science	Beyond Policy Adoption: Implications of Energy Policy on Parties, Publics and Individuals

### AP Energy Grants 2015/2016: 3<sup>rd</sup> Call for proposals (4 awarded grants)

Name	First Name	Host Institution	SCCER*	Discipline	Project Title
Buonsanti	Raffaella	EPF Lausanne	-	Material Sciences	Colloidal chemistry for engineering complex metal oxides to advance solar-to-fuel conversion studies
Lupi	Matteo	Université de Genève	SCCER SoE – Supply of Electricity	Geology	GENERATE – GEophysical and Numerical Experiments for Reservoir Analysis and fluid-Transported Energy

\* Swiss Competence Center for Energy Research

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Matioli	Elison	EPF Lausanne	SCCER FURIES – Future Swiss Electrical Infrastructure	Electrical Engineering	High-Efficiency III-Nitride Power Devices for Future Energy Conversion
Schmidt	Tobias	ETH Zürich	SCCER CREST – Research in Energy, Society and Transition	Political science	Opening the black box of the co-evolution of policy and technology in the energy sector

### AP Energy Grants 2014/2015: 2<sup>nd</sup> Call for proposals (7 awarded grants)

Name	First Name	Host Institution	SCCER*	Discipline	Project Title
Brosch	Tobias	Université de Genève	SCCER CREST – Research in Energy, Society and Transition	Psychology	Determinants of individual energy-relevant decisions and behaviors: A multiple systems approach
Dörfler	Florian	ETH Zürich	SCCER FEEB&D – Future Energy Efficient Buildings & Districts	Electrical Engineering	Plug-and-Play Control & Optimization in Microgrids
Lecampion	Brice	EPF Lausanne	SCCER SoE – Supply of Electricity	Other disciplines of Earth Sciences	Hydraulic stimulation of anisotropic rocks for geo- energy
Noiray	Nicolas	ETH Zürich	SCCER BIOSWEET – Biomass for Swiss Energy Future	Fluid Dynamics	Tomorrow's Sequential Combustion Technologies for Low Emissions and High Fuel Flexibility
Queen	Wendy	EPF Lausanne	-	Inorganic Chemistry	Nanoporous Adsorbents for Energetically Favorable Industrial Gas Separations
Tilley	Stanley David	Universität Zürich	-	Physical Chemistry	Solar Water Splitting: Photovoltage, Surface Dipole, and Catalysis Strategies
Violay	Marie	EPF Lausanne	SCCER SoE – Supply of Electricity	Civil Engineering	Hydro-Mechanical Couplings in Enhanced Geothermal Reservoir _ Earthquake nucleation

**AP Energy Grants 2013/2014: 1<sup>st</sup> Call for proposals (5 awarded grants)**

Name	First Name	Host Institution	SCCER*	Discipline	Project Title
Boghossian	Ardemis	EPF Lausanne	-	Chemical Engineering	Recombinant, Photosynthetic Bacteria for Photovoltaic Solar Energy Conversion
Jacquod	Philippe	Haute école spécialisée de Suisse occidentale HES-SO	SCCER FURIES – Future Swiss Electrical Infrastructure	Electrical Engineering	Systemic, Multi-Scale Approach to Integration of Renewable Energies in Electric Power Systems
Luterbacher	Jeremy	EPF Lausanne	SCCER BIOSWEET – Biomass for Swiss Energy Future	Chemical Engineering	Solvent-based methods for biomass conversion
Sansavini	Giovanni	ETH Zürich	SCCER FURIES – Future Swiss Electrical Infrastructure	Other disciplines of Engineering Sciences	The Vulnerabilities of Future Interdependent Energy Networks
Schiffmann	Jürg	EPF Lausanne	SCCER FURIES – Future Swiss Electrical Infrastructure / SCCER FEED&D – Future Energy Efficient Buildings & Districts	Mechanical Engineering	Small-scale turbomachinery for decentralized energy conversion

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