



Program v 5.0 August 2017 Draft version

Thursday 5th, October 2017

08.30 – 09.00	Inscription	
09.00 – 09.30	Welcome	Roly Solís, Editec
		Rodrigo Palma, SERC Chile
		Arturo Molina, Seremi de Energía
09.30 – 10.00	IEA PVPS Chile description	Ana María Ruz Director Desarrollo Tecnológico Comité Solar CORFO
10.00 – 10.30	2016 Trends Market in PV Applications	Gaëtan MASSON - Director, Becquerel Institute Content & Strategy, Solar United - Vice-Chairman, EU PV Technology & Innovation Platform - Operating Agent, IEA-PVPS Task 1
10.30 – 11.00	Coffee Break	
11:00 – 11:30	PV Industry Trends	Izumi Kaizuka, Manager, RTS Corporation IEA-PVPS Expert Task 1 Japan
11:30 – 12:00	Integration of renewable energies in the market: opportunities and challenges	José Donoso, Director general de Unión Española Fotovoltaica (UNEF)
12:30 – 13:00	ATAMOS TEC	Bárbara Silva Coordinadora Innovación y Transferencia Tecnológica SERC Chile
12:00 – 12:30	Adaptación tecnológica al espectro solar de Atacama	Marcelo Matus Centro Energía Universidad de Chile
13:00 – 14:30	Lunch time	
14:30 – 15:00	PV micro inverters and Spinoff experience in solar energy market	Dimitri Vinikov, Talliin University of Technology
15:00 – 15:30	Challenges of PV Plants in Atacama Desert	ENEL, Alvaro Puelma..... o Juan Pedro Alonso.(to be confirmed)
15:30 – 16:00	Jama Solar Experience and challenges	EFACEC (to be confirmed)
15.30 – 16.00	Coffee Break	
16.00 – 16.30	Development of new technology based business in solar sector	María José Riquelme, Business Development Manager de PhiBrand (investigación de Mercado industrial)
16.30 – 17.00	Mercados de tecnologías de almacenamiento actuales y futuras	Svetlana Ushak Universidad de Antofagasta

17:00 – 17:30	Wrap up	Rodrigo Mancilla, Director Comité Solar CORFO
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Friday 6th, October 2017

08.30 – 09.00	Inscription	
09.00 – 11:00 Papers (dos salones)	Task 14 High penetrations of PV Systems in Electricity grids	Task 13 Performance and reliability of PV systems
	CAMILO BELLO Luis Morán UDEC “Efectos de Conexión y Desconexión de Grandes Parques Fotovoltaicos en Sistemas Interconectados”	JAVIER RIEDEMANN, Rubén Peña UDEC “Control de temperatura para sistema fotovoltaico-térmico”
	JAVIER RIEDEMANN, Rubén Peña UDEC “Topologías Multinivel en Aplicaciones Fotovoltaicas de Baja Potencia”	SAMIR KOURO, H. Renaudineau UTFSM “Portrait vs landscape layout of PV modules impact on generation in heavy soiling areas”
	JORGE VEGA, F. Valencia, C. Rahmann UCH “Stability Assessments in Systems with High Levels of Photovoltaic Generation”	DIMITRIJ CHUDINZOW, G. Díaz, R. Palma UCH “Simulation of a Bifacial photovoltaic Array in the Atacama Desert, Chile”
	DIEGO ORTIZ, C. Rahmann UCH “Metodología para la selección de puntos de operación y contingencias relevantes para estudios de estabilidad de frecuencia”	MARCELO CORTES UA Identificación de un circuito equivalente para estimación del estado de carga de una batería de ion-litio
11.00 – 11.30	Coffee Break	
11.30 – 13.30 Lectura de Papers (dos salones)	Task 16 Solar resource for high penetrations and large scale applications & Mining applications	Task 12 PV Sustainability & Task 9 Deploying PV services for regional development
	MAURICIO TRIGO, A. Marzo, FJ Batlles UA Desarrollo de modelo físico para la estimación de la irradiación diaria en zonas desérticas a partir de datos de temperaturas extremas	JUAN PABLO SAN MARTÍN, C. Benavides, S. Moreno UCH Metodología para determinar la ubicación y capacidad óptima de plantas de reciclaje de residuos de la industria solar
	JANNIK HAAS, G. Pamparana, W. Kracht UCH “Powering a Semi-Autogenous Grinding	AYMERIC GIRARD, M. Giordano UAI The effect of the renewable energy : job creation in Chile

	mill with photovoltaic energy including mineral management: the optimal energy storage mix"	
	SAMIR KOURO, J. Zapata UTFSM Photovoltaic partial power DC-DC converter for direct power interface to copper electrorefining process	ROBERTO HERNÁNDEZ UCH "Visión antropológica de experiencias de proyectos de Micro-red en comunidades Mapuche: cultura local e innovación tecnológica, un diálogo intercultural."
		OSCAR NUÑEZ, R. Palma, F. Valencia UCH Metodología para coordinación óptima de protecciones en micro-redes aisladas
		LUZ ALICIA CARDENAS, A. Girard, M. Giordano UCH y UAI Methodology for a meteorological model in order to estimate a consumption's house in Santiago de Chile
13.30	Wrap up and close	

Gaëtan Masson

Director of the Becquerel Institute and Operating Agent of IEA-PVPS Task 1

Electromechanical Engineer from the Université Libre de Bruxelles in Belgium, graduated in Business Administration from Solvay Brussels School (Belgium), graduated in Political Sciences and Environmental Management, passionate about PV and renewables, globe trotter and father of three wonderful girls, Gaëtan Masson is the Director and co-founder of the Becquerel Institute. After more than 10 years in the financial and IT sectors, he moved to the PV industry and developed the Business Intelligence of EPIA, the European PV Industry Association (now SolarPower Europe). Since 2013, he is the Operating Agent (chairman in IEA language) of the Task 1 of the PV programme of the International Energy Agency (IEA PVPS). He is vice-chairman of the European PV technology Platform and participates to the Scientific Committee of EU-PVSEC and Intersolar Europe Conferences. Since 2016, he manages the strategy and content of SolarUNITED, the global PV industry & technology association.

Izumi Kaizuka

Manager at RTS Corporation

José Donoso

Director general de Unión Española Fotovoltaica (UNEF)

Anis Jouini

CEO, National Institute of Solar Energy (INES R&D)

PhD in Chemistry and Habilitation in Materials Sciences at Claude Bernard Lyon 1 University-France. Actually, CEO / Head of Solar Department Technologies at CEA/LITEN (Research, Development and Innovation part at the National Institute of Solar Energy, France : 500 engineers working on three main divisions 1) PV-OPV-CPV, 2) Storage, Electrical Systems and Smart grids and 3) Buildings Energy efficiency). He worked as a researcher at Tohoku University in Sendai Japan growing oxides and fluoride materials for optical applications, and he had an industrial experience on Solar Grade Si for photovoltaic applications within CaliSolar (Silicor Materials), both in Germany and California-USA. Dr Jouini's recent research focuses on crystalline silicon for advanced high efficiency solar cell processes and advanced modules assembly technology in close collaboration with industrial partners. He has published more than 50 scientific papers and holds more than 20 patents. He is a committee member for a number of international conferences and workshops in the fields of photovoltaics

Ms. Marion Perrin

CEA, Le Bourget du Lac, France

Marion is a Senior researcher in electrical storage, with 15 years' experience in particular in renewable energies storage applications. Following 4 years with ZSW in Germany she gets a PhD

from the University of Nancy, France, related to the Improvement of lead acid batteries via mechanical compression. She enters CEA, the French nuclear authority, in 2002 where she starts building up and leading European programmes dealing in particular with storage for stand alone PV systems, moving rapidly towards grid connected systems with the development of distributed generation. After a 2 years adventure with the Conergy, acting as an electrical storage expert in the department for power electronics, she is now leading a 90 people business unit at CEA, dealing with PV systems (electrical architecture, conversion and safety), electrical storage (sizing, technology selection and management) as well as the integration of renewables, storage and electric vehicles into smarter grids.

Dimitri Vinikov

Tallin University of Technology