Solar energy research and development santiago

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The overall aim of SERC Chile is to build a solid base of knowledge on solar energy. For this second stage (2017-2022), four strategic focuses were defined for the development of solar energy in Chile:1) Massive integration of large-scale solar energy to the electric interconnected system,2) Solar energy based mining in Chile,3) Development and widespread adoption of small-scale solar solutions and4) Optimization and characterization of materials and solar resource under local conditions.

Participantes: Universidad de Chile (UCH), Universidad de Tarapac? (UTA), Universidad de Antofagasta (UA), Universidad T?cnica Federico Santa Mar?a (UTFSM), Universidad Adolfo Ib??ez (UAI), Universidad de Concepci?n (UDEC) and Fundaci?n Chile (FCh)

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AgendaContactoSERC CHILENuestra HistoriaMemoria InstitucionalLibros SERC ChileBrochureRed de Cooperaci?nInstituciones internacionalesHan confiado en Serc ChileMiembrosConsejo Acad?micoComit? Consultivo NacionalComit? Consultivo InternacionalL?neas de Investigaci?nEquipo de Gesti?nCiencia y SociedadINICIATIVASLaboratoriosAtaMoS-TecAyllu SolarEnlaces de interesPublicacionesPublicacionesLibrosNOTICIASIndicadores solaresNoticiasSERC en la PrensaVideosSearch

PRINCIPALES REPRESENTANTES/MAIN REPRESENTATIVES:Director/Director: Rodrigo Palma (UCH)Consejo Acad?mico/Academic Council: Rodrigo Palma (UCH) Lorena Cornejo (UTA), H?ctor Galleguillos(UA), Samir Kouro (UTFSM), Claudio Agostini (UAI) y/and Luis Mor?n (UDEC, subdirector/AssistantDirector). Coordinadora General SERC Chile Centro de Excelencia Fondap/ Conicyt/General Coordinatorof the Fondap/Conicyt Chilean Solar Energy Research Center: Paola Silva

Since its creation, this solar energy center has organized its work into six lines of research, on which academics from different universities and disciplines depend: 1) Solar energy in industry and mining; 2) High-power electrical systems with solar energy penetration; 3) Solar energy coordination systems for rural and urban communities; 4) Solar energy storage; 5) Solar water treatment; 6) Economic, social and regulatory aspects for the development of solar energy.

The challenge of this center is to turn Chile into a solar country. The project is based on the fact that Northern Chile -"Norte Grande" - offers great potential for producing electric power, heat and light based on the use of solar energy. Given the area"s high levels of radiation and exceptional ratios of clear-skies, photovoltaic and

thermal solutions appear promising. These qualities make this area an outstanding region to study, develop and practice new solar technologies.