



Sol3g participates in the concentration conference “ICSC-4” as a sponsor and speaker.

- The company is the first one worldwide to sell high concentration systems based on triple-junction cells

The Spanish firm Sol3g will take part in the 4th edition of the “International Conference on Solar Concentrators for the Generation of Electricity or Hydrogen” (ICSC - <http://congresos.ies.upm.es/icsc4>), which will take place from March 12th to March 16th in El Escorial, Madrid (Spain).

This conference, which gathers the main actors worldwide from the concentration PV technology, in the fields of research, manufacturing and commercialization of concentrators, pretends to be an event of reference within the whole industry for companies, universities and institutes.

Sol3g will participate in the event as both one of the main sponsors and as a speaker, sharing its experience and progress in concentration technology. The firm will present two “papers”; one of them will deal about the development of a solar simulator suited for solar concentration systems while the other “paper” is based on the field experience of the company regarding the inversors’ response time with concentration PV systems.

Sol3g, the headquarters of which are located in the technological park named “Parc Tecnològic del Vallès” in Barcelona, is the first company worldwide to sell HCPV (High Concentration Photovoltaics) systems based on triple-junction cells, having already realized several pilot installations in Denmark and Spain (Gerona, Barcelona and Sevilla) with very satisfactory results.

Sol3g’s HCPV modules include Fresnel lenses and secondaries combined with triple junction cells. The design of the module and the components has been done giving priority to the whole system efficiency and low manufacturing costs.

The main goal of the company is to offer a real alternative to the current technology, based on silicon flat panel, thanks to a huge reduction of photovoltaic conversion costs, that may be reduced by half in a very near future.

The company plans for year 2007 aim at increasing its production capacity up to 5 MWp / year during the first two quarters of the year, as well as maintain its efforts in research and development in order to continue as a leading company worldwide.

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