



Conférence de l'Institut Coriolis pour l'Environnement de l'École polytechnique

Silicon solar cells: Power source for the future?



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Départements de Mécanique

Over the past five years the price of silicon photovoltaic cells has dropped dramatically with good prospects for less spectacular but steadily decreasing future costs. That's makes it increasingly likely that these cells will provide one of the lowest cost options for future energy generation, providing a sustainable way of reducing the world's present dependence on fossil fuels. This talk will give an introduction to the cell operating principles, the way they are presently manufactured and the future improvements that will further reduce costs. The challenges facing the widespread adoption of the technology will also be described.



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