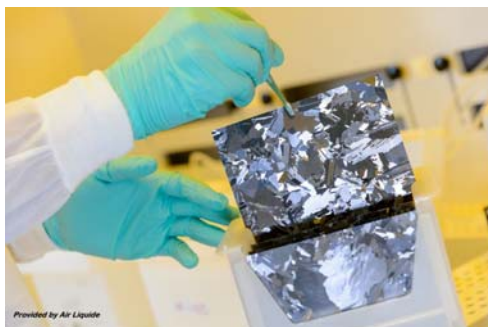


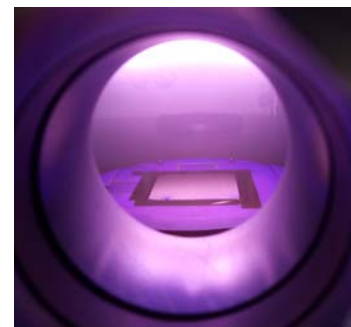
Workshop on: **Crystalline Silicon for Low Cost Photovoltaics**
Chaire Concepts Avancés du Photovoltaïque Total-Ecole Polytechnique
Amphi Gay-Lussac, Ecole polytechnique, Monday, July 10th

The objective of the workshop is to promote discussions on c-Si materials and processes for high efficiency solar cells. In a context where cell efficiencies are reaching the limit, material properties become preponderant. FZ, CZ, monolike, multi, epifoils,... what is the path for industry ? Where research is required? These are some of the topics we would like to address in this informal workshop.

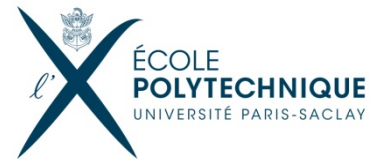
Time	Topic	Speaker
9h	Welcome address	Benoit Deveaud/ Pere Roca
9h15	Industrial context	Lars Oberbeck
9h30	Crystallisation of Si for solar cells	Eivind Johannes
10h30	<i>Coffee Break</i>	
11h	Photoluminescence and infrared spectroscopy for the identification of impurities in silicon for photovoltaic applications	Simona Binetti
12h	Evolution of recombination active grown-in defects limiting the lifetime of float-zone silicon and their impact on solar cell efficiencies	Nicolas Grant
13h	<i>Lunch (Salle des cadres)</i>	
14h30	croissance par solidification dirigée du silicium monolike	Natalia Jourdan Matsapey
15h30	<i>Coffee Break</i>	
16h	Oxygen-related extended defects in silicon for photovoltaics and their impact on bulk lifetime	John Murphy
17h	Kerf-less lift-off technologies for c-Si: an overview	Valérie Depaw
18h	<i>Wrap up, end...</i>	



Multicrystalline silicon wafer



Ag Sputtering deposition



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About the speakers



Simona Binetti

<http://www.mater.unimib.it/en/sections/the-department/people/faculty/simona-binetti-1>

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Dr. Valerie Depaw

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