

IIT 2018 School, September 13-15, 2018

Jim Ziegler



Thursday, Sept. 13	Subject	Speaker
9:00 – 10:30	Welcome, Review of School Subjects	Ziegler
10:30 – 11:00	Coffee	
11:00 – 12:00	History of IC Ion Implantation	Rubin
12:00 – 1:30	Lunch	
1:30 – 3:00	Recent and Current Status of Ion Implantation Systems	Current
3:00 – 3:30	Coffee	
4:00 – 5:00	Analytic Techniques used in Ion Implantation	Dick James (ChipWorks)

Implantation Technology

Friday, Sept. 14	Subject	Speaker
9:00 – 10:30	Ion Implantation Systems	Vanderberg
10:30 – 11:00	Coffee	
11:00 – 12:00	Ion Implantation Maintenance	Infineon ?
12:00 – 1:30	Lunch	
1:30 – 3:00	Implanter System Safety	Roberge
3:00 – 3:30	Coffee	
4:00 – 5:00	Implanter System Safety	

Implantation Science

Friday, Sept. 14	Subject	Speaker
9:00 – 10:30	Ion Implantation Damage	Jones
10:30 – 11:00	Coffee	
11:00 – 12:00	Ion Implantation Annealing	Jones
12:00 – 1:30	Lunch	
1:30 – 3:00	Advanced Annealing	Lerch
3:00 – 3:30	Coffee	
4:00 – 5:00	Cluster Ion Beams	Yamada

Future Applications

Saturday, Sept. 15	Subject	Speaker
9:00 – 10:30	New Concepts in Ion Implantation	Rubin ?
10:30 – 11:00	Coffee	
11:00 – 12:00	Power Devices, Photovoltaics and Image Sensors	Schustereder
12:00 – 1:30	Lunch	
1:30 – 3:00	Future of ICs	Sadana