

ICOPS Mini-Course: Industrial Applications of Plasmas	
Preliminary Agenda	
Day 1 (May 20, SAT)	
Time (MST)	Title
13:00	Introduction (Simakov, LANL)
13:15	Aneutronic fusion as a driver for innovation in plasma science and technology Artem Smirnov (TAE technologies)
13:30	
13:45	
14:00	
14:15	
14:30	
14:45	Coffee Break
15:00	Thermionic converter modeling Nathan Cook (Radiasoft) Abdou Diaw, Chris Hall, and/or Jon Edelen (Radiasoft)
15:15	
15:30	
15:45	
16:00	
16:15	
16:30	Coffee Break
16:45	Plasma physics in global security Max Light (LANL)
17:00	
17:15	
17:30	
17:45	
18:00	
18:15	
18:30	
18:45	
19:00	Dinner
19:15	
19:30	

Day 2 (May 21, SUN)	
Time (MST)	Title
8:00	Breakfast
8:15	
8:30	
8:45	
9:00	Plasmas for diamond fabrication Sergey Baryshev (Michigan State University)
9:15	
9:30	
9:45	
10:00	
10:15	
10:30	Coffee Break
11:00	Plasma medicine Katharina Stapelmann (North Carolina State University)
11:15	
11:30	
11:45	
12:00	
12:15	
12:30	Lunch
12:45	
13:00	
13:15	
13:30	
13:45	
14:00	Using plasmas for water treatment John Foster (University of Michigan Ann Arbor)
14:15	
14:30	
14:45	
15:00	
15:15	
15:30	Coffee Break
15:45	Industrial applications of plasma science George Osenga (Thierry Plasma)
16:00	
16:15	
16:30	
16:45	
17:00	
17:15	
17:30	Adjourn
17:45	