

<b>ICOPS Mini-Course: Industrial Applications of Plasmas</b>	
<b>Preliminary Agenda</b>	
<b>Day 1 (May 20, SAT)</b>	
<b>Time (MST)</b>	<b>Title</b>
13:00	Introduction (Simakov, LANL)
13:15	<b><i>“Aneutronic Fusion as a Driver for Technology Innovation”</i></b> Artem Smirnov (TAE technologies)
13:30	
13:45	
14:00	
14:15	
14:30	Coffee Break
14:45	
15:00	<b><i>“Design and modeling considerations for thermonuclear energy converters”</i></b> 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	<b><i>“Utility of Plasma Physics in Global Security”</i></b> Max Light (LANL)
17:00	
17:15	
17:30	
17:45	
18:00	Dinner (for instructors only)
18:15	
18:30	
18:45	
19:00	
19:15	
19:30	

<b>Day 2 (May 21, SUN)</b>	
<b>Time (MST)</b>	<b>Title</b>
8:00	Breakfast
8:15	
8:30	
8:45	
9:00	<b><i>“Enabling Scalable Production and Supply Chain of Diamond using Microwave Plasma”</i></b> Sergey Baryshev (Michigan State University)
9:15	
9:30	
9:45	
10:00	
10:15	
10:30	Coffee Break
11:00	<b><i>“A brief introduction to Plasma Medicine - Key roles of reactive oxygen and nitrogen species”</i></b> Katharina Stapelmann (North Carolina State University)
11:15	
11:30	
11:45	
12:00	
12:15	Lunch
12:30	
12:45	
13:00	
13:15	
13:30	
13:45	
14:00	<b><i>“Plasma Based Water purification: Current Status, Methods and Challenges”</i></b> John Foster (University of Michigan Ann Arbor)
14:15	
14:30	
14:45	
15:00	
15:15	Coffee Break
15:30	
15:45	<b><i>“Plasma Processing for Industrial Applications”</i></b> George Osenga (Thierry Plasma)
16:00	
16:15	
16:30	
16:45	
17:00	
17:15	Adjourn
17:30	
17:45	