

Materials and Chemistry Institute (MaCI) Weekly Seminar Schedule



June 6
**Marcus Worsley
and Caitlyn Cook**
*MaCI program overview and
understanding UV-curable
resins for advanced
manufacturing*



June 27
Jenny Knipe
*Biomaterials: From drug
delivery to carbon capture*



July 11
Nik Dudukovic
*3D printing of
glass optics*



June 13
Nathan Barton
*Modeling failure in
ductile metals under
dynamic loading*



July 18
Amanda Wu
*Laser welding and powder
bed fusion of uranium-6 wt.
pct. niobium*



June 20
James Cahill
*Boride aerogels:
A new class of
ultralight high-
temperature
materials*



July 25
Corie Horwood
*Everything old is new again:
modernizing the ancient art
of electroplating for the
future of the National
Ignition Facility*



August 1
Maira Ceron Hernandez
*Selective ion removal from water
using ultramicroporous carbon
with capacitive deionization*