

Looking forward to seeing you in June!



It's official! Our June meeting will be in person and we can't wait to see all of you. The dates are Thursday, June 2nd and Friday, June 3rd. A full meeting agenda will follow soon, along with options for hotel accommodations.

Some of you were able to tour our new lab earlier this month. We look forward to showing it to the rest of you in June.

Meet ACRC Researcher - Shrivatsav Shanker

Shrivatsav (Shri) is a Doctoral Candidate in the Department of Materials Science and Engineering at UCI. As part of the ACRC team, he is developing Al alloys directly from scrap streams, and focusing on recovery and reuse of Al. He received his M.S in June 2021 in Material Science and Engineering from UCI.

Shri focuses his studies on sustainability and how to transition towards a circular economy. He will present his work on [Green Alloy](#) next week in Colorado at Aluminum Association Spring Meeting 2022.



ACRC Research to be Presented at AFS

In the coming months, ACRC faculty, members and researchers have been invited to present their work at AFS Congress in April, the Aluminum Specialty Conference in June, and 2022 Foundry Industry 4.0 Conference in July. Below are the presentation titles.



AFS CONGRESS

- **Al-Ce-Ni Hypoeutectic Non-Heat Treat Casting Alloys** - Benjamin E. MacDonald, Carl Söderhjelm, David Weiss, Diran Apelian

ALUMINUM SPECIALTY CONFERENCE

- **Conformal Cooling of Permanent Molds: *Opportunities and Challenges***
- Carl Söderhjelm, Diran Apelian
- **Aluminum Industry Megatrends** - Diran Apelian
- **Thermal Management During Solidification** - Diran Apelian, Sean Roorda, Carl Söderhjelm, Cheolmin Ahn

2022 FOUNDRY INDUSTRY 4.0 CONFERENCE

- **Artificial Intelligence and Manufacturing – *Lead or Follow?*** - Diran Apelian