

Congratulations - Raquel Fierro Jaime, Shrivatsav Shankar and Jianyue Zhang!

We are delighted to share that ACRC student researchers, **Raquel Fierro Jaime, Shrivatsav Shakar** and **Jianyue Zhang** were selected as final presenters at the [World Foundry Organization's \(WFO\) Young Researchers Conference](#) held earlier this month. Students from around the world were invited to present their work on "casting solutions", "digital methods and engineering for foundry" and "circular economy and sustainable foundry." Out of this impressive group, only 10 finalists were invited to present at WFO's 75th Congress in Germany last week ... and three of them were ACRC researchers!

Raquel presented her work on "Ultrasonic Treatment of Molten Aluminum for Microstructural Modification", Shrivatsav shared his research on "Upcycling Low-Value Post Consumer Aluminum Scrap" and Jianyue presented "Optimization of T5 Heat Treatment in High Pressure Die Casting of Al-Si-Mg-Mn Alloys by Using an Improved Kampmann-Wagner Numerical (KWN) Model".

3 Best Papers Awards



Silver Award: 4.000€



Gold Award: 8.000€



Bronze Award: 2.000€

The **top 3 authors** will also be invited to display their presentation at the **75th World Foundry Congress** in Deyang (China) in October 2024. They will be awarded a **monetary prize**.

Following the presentations in Germany, we learned that Jianyue of Ohio State earned 2nd place in the competition and that Shrivatsav of UCI won 3rd place. The first place winner is Yasuhiko Okimura from Japan.

As part of the 'best three young researchers of 2024', ACRC's finalists are invited to come to the World Foundry Congress in Deyang, China, in October, where they will be able to present their work and take part in some networking actions to connect with the global foundry industry.

This conference is part of WFO's ongoing effort to attract new talent, new knowledge and new skills to the foundry industry.



Featured left to right (top to bottom if on a mobile device) are Jianyue Zhang of Ohio State University. He placed 2nd in the World Foundry Organization's Young Researchers Conference. Shrivatsav Shakar of UC Irvine placed 3rd. Congratulations to both of you!



Raquel Fierro Jaime and Shrivatsav Shakar, both of UC Irvine, celebrate being final presenters at the WFO Conference in Germany on June 11, 2024.