

# ForCAST

The Newsletter of the American Metalcasting Consortium

Winter 2022



## Online Casting Cost Advisory System

Under AMC's Innovative Casting Technologies (ICT) program, H.A. Burrow Pattern Works is leading the development of the Online Casting Cost Advisory System (OCCAS) that utilizes the latest casting knowledge and techniques to provide DoD/DLA users with real-time cost estimates based on cast part design criteria. In a previous AMC program, a pilot project was conducted where a "should cost" tool for aluminum and 17-4 steel investment cast parts was developed and demonstrated. The costs were validated by casting experts and found to be reasonably accurate. OCCAS will support DoD/DLA maintenance depots, logistics personnel, and procurement agencies in the determination of expected procurement costs for castings. The tool will provide information on part costs, expected tooling costs, and estimates for non-destructive testing. OCCAS will be compatible with user input from both 2D prints and 3D Computer Aided Design (CAD) models.



OCCAS



Should Cost

Online Casting Cost Advisory System

Part design information,  
quality & testing  
requirements etc.

## Upcoming Events

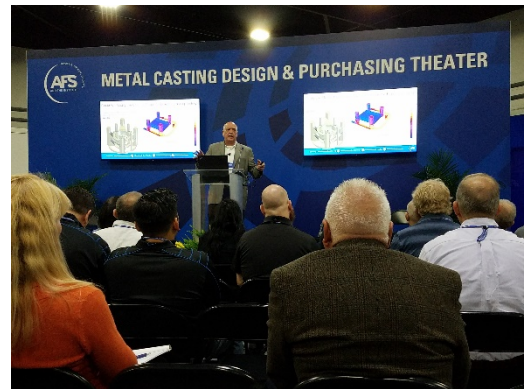
### AMC's Annual Technology Review

Save the Date: AMC's Annual Technology Review is scheduled for August 17-18, 2022, at the Hilton Garden Inn - O'Hare, Des Plaines, IL.



### AFS CastExpo

Visit AMC at Booth #1820 at the 2022 CastExpo, sponsored by the American Foundry Society. The 2022 CastExpo is scheduled for April 23-26, 2022, at the Greater Columbus Convention Center, Columbus, OH.



**AMC**  
AMERICAN METALCASTING CONSORTIUM

For more information about AMC go to  
<https://amc.ati.org>

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