

ESTABLISHING AND ADVANCING THE CENTER FOR RESOURCE SUSTAINABILITY



Sridhar Seetharaman

Professor and Vice
Dean of Research and
Innovation, Ira A. Fulton
Schools of Engineering,
Arizona State University

In this talk, Dr. Sridhar Seetharaman will describe his technical background and leadership experience within academia, industry and federal government and how this would allow him to contribute in developing a vision and strategy for an institute focused on enabling sustainable use of earth's resources. This would include issues such as water stress, climate smart mining, zero-waste processing/manufacturing, decarbonization of hard to decarbonize sectors (e.g. steel, cement etc.) and resilience and security in domestic supply chains (e.g. rare earths and critical materials).

Seetharaman feels particularly motivated about driving technologies to (i) integrate CO₂ management strategy in mining, processing and manufacturing and to (ii) develop programs to encourage a broader and more diverse work force to develop and implement technologies. He will also emphasize the importance of private-private partnerships which leverages the innovative eco-system which Missouri S&T offers with its existing research centers and industry partnerships.

About the speaker:

Dr. Sridhar Seetharaman is the Vice Dean for Research for the Ira Fulton Schools of Engineering and is responsible for managing and growing the research enterprise of the country's largest engineering college. Prior to that, he was the Associate VP for Research at Colorado School of Mines. He served, with the US DOE as a Senior Technical Advisor as an EWQ (merit-based Exceptionally Well Qualified Candidate) and was responsible for Clean Water and Next Generation Electric Machines. He was until 2016 the Tata Steel / RAEng Joint Chair for Research Into Low Carbon Materials Technology and Director of Materials strategy for the HVM Catapult at WMG. He was prior to that the POSCO Professor of Steelmaking at Carnegie Mellon University and the co-director of the Industry-University Consortium, Center for Iron and Steelmaking Research (CISR). He was also an NETL Faculty Fellow.

**Thursday,
Oct. 14, 2021**

10-11 a.m.

**In-Person
(limited to 30):
Missouri-Ozark,
Havener Center**

**Virtual on Zoom:
rol.la/3ilHAZD**



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