

# Invitation



Pune Chapter

ASM International Pune Chapter cordially invite you for  
**Technical Presentation & Networking with**

**Jon D. Tirpak, PE, FASM**

**President ASM International, USA**

**On**

**Additive Manufacturing vs. Forging**

**Venue:** Regal Hall, Pride Hotel  
University Road, Pune.

**Date:** Saturday **15th Oct 2016** at **7.00 pm** sharp.  
Please join us for Cocktails & Dinner after the Presentation.

**Subhash Kulkarni**  
**Chairman, Tech. Program**

**Rahul Gupta**  
**Secretary**

**B R Galgali**  
**Chairman**

**RSVP:** Ravindra Ratnaparkhi, asm.pune@gmail.com

## About the Program :

Registration	7.00 - 7.30 pm
Technical Presentation	7.35 - 8.15 pm
Q&A Session	8.15 - 8.30 pm
Cocktails & Dinner	8.30 - 10.00 pm

## About the Topic:

Is additive manufacturing a threat to forging? That is the question this presentation will explore.

Over the past decade many additive manufacturing technologies have been investigated with some being technically and commercially viable to make a shape. This presentation will identify the known current direct digital manufacturing technologies which compete with forging part manufacture and forging die manufacture. The presentation will identify the activities surrounding this technical community. Several Additive Manufacturing technologies are available to produce metal parts. Whether or not these parts will compete with forgings remains to be seen. As fit-check prototypes, perhaps yes; as fatigue resistant, fracture tolerant parts, perhaps no.

## About the Speaker:

Mr. Tirpak is a Senior Program Manager for the ATI Advanced Materials Division. Mr. Tirpak earned his BS in Metallurgical Engineering at Lafayette College in Easton, PA and his MS in Materials Engineering at the University of Dayton in Dayton, OH. He is a Licensed Metallurgical Engineer in South Carolina and Fellow and Past Trustee of ASM International. He served on the New Products and Services, Finance, Investment, and Web Committees of ASM International. In October 2016 he completes his term as President of ASM International.

