



Kratos engineering jointly with MFRC presents a seminar entitled  
**"Simulate Forging process for Reliability, Reduced cost and first time Right"**

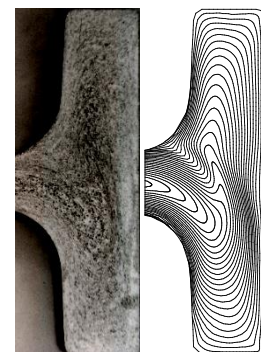
We live in times when the automotive industry is constantly battling the odds to reduce the time required for new model launch in market. This challenge then translates to all in the supply chain members and impacts the forging industry. The luxury of trial and error, good price margins and easy development time is eliminated. As a result the Forging industry is constantly faced with the following Challenges:

1. Producing first time right forgings.
2. Reducing scrap generation.
3. Minimizing rejection.
4. Producing near net shape component.
5. Increasing die life/ reducing die wear.
6. Selecting the just adequate press/ hammer capacity for the job.

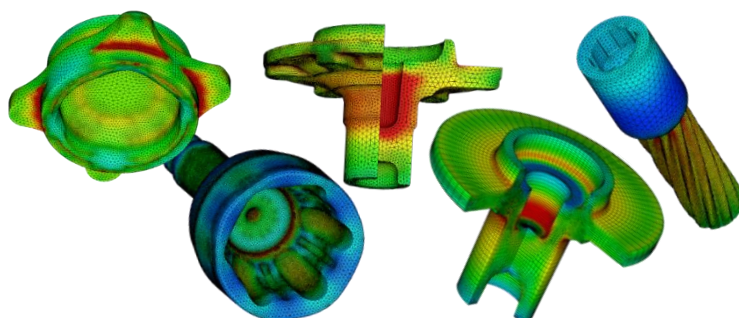
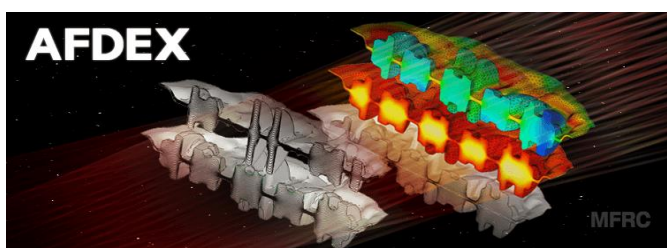


AFDEX is a multi-purpose & user friendly metal forming simulator - Equips forgers to effectively meet the Challenges posed through intelligent bulk-metal-forming simulation techniques providing the user:

1. Intelligent meshing which helps indicate precisely problem areas.
2. Effective boundary condition analysis for achieving low die wear.
3. Good solution accuracy with ease of use.
4. Automatic simulation of multi-stage forging process reducing simulation time drastically.
5. Material analysis tool to refine the simulation process.



We invite you to join us for the event launch on the **20<sup>th</sup> July** at the **ROYAL CONNAUGHT BOAT CLUB**, Boat Club road, Pune - 411001, where you will hear from the horse's mouth, both the product expert and the extensive user of the product.  
**Mr. Young-Gil Choi of SAMWOO Inc, a delighted User, will deliver the keynote address sharing his rich experience with AFDEX.**



#### Venue:

##### Royal Connaught Boat Club

7/8, Boat Club Rd, Bund Garden, Sangamvadi, Pune, Maharashtra 411001



#### Agenda:

Date: 20<sup>th</sup> July, 2016

3.00 pm – 5.30 pm Technical Session (At the Lagoon)

5.30 pm – 6.00 pm Registration for launch event  
(Poolside hall)

6.00 pm – 6.15 pm Welcome Note - Kratos

6.15 – 6.30 pm Introduction to AFDEX and Kratos association

6.30 – 7.15 pm Key note address by Mr. YG Choi – State-of-the-art Korean forging technology with emphasis on forging simulation

7.15 – 8.00 pm Intelligent metal forming simulation using AFDEX by Dr. MS Joun – CEO MFRC

8.00 – 8.15 pm Q&A / Lucky draw

8.15 – 8.30 pm PTC presentation

8.15 pm onwards Networking Dinner & drinks with live musical entertainment

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Kratos – [www.Kratosengineering.com](http://www.Kratosengineering.com) PTC – [www.PTC.com](http://www.PTC.com) Afdex - [www.afdex.com](http://www.afdex.com)

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