

# NASSCOM®

NASSCOM Design and Engineering Summit 2016  
5<sup>th</sup> - 6<sup>th</sup> October, Leela, Bangalore  
Theme: Imagineering for the Digital Future

Wednesday, 5<sup>th</sup> October, 2016

0830 hrs onwards	Registration & Networking	
0945 hrs. – 1115 hrs	<p><b>Deep Dive I</b></p> <p><b>Design Thinking as a Strategy for Innovation</b> <i>Design thinking is a proven and repeatable problem solving methodology and mindset. Thinking like a designer can transform the way you develop products, services. There are many examples of big companies that use design thinking in their day-to-day operations. Design thinking can and does work for all types of organizations, big and small. It can be challenging to implement at a more established company, but the benefits outweigh the process of cutting through all the red tape. And for entrepreneurs or small business owners, a design thinking culture is yours to create and lead.</i></p> <p><i>This session will focus on why design thinking should be at the core of your business strategy and development</i></p> <p>By <b>Deepa Bachu</b>, Co-Founder &amp; CEO, <b>Pensaar</b></p> <p><b>Venue:</b> Royal Ballroom</p>	<p><b>Deep Dive II</b></p> <p><b>SAE Session on Auto</b></p> <p><b>Speaker:</b> Mr. Sirish Batchu</p> <p><b>Venue:</b> Turret Room</p>

<b>1130 hrs. – 1300 hrs.</b>	<p><b>Deep Dive III</b></p> <p><b>Additive Manufacturing- The way ahead</b></p> <p><i>This session will mainly deliberate on how advanced manufacturing integrating new innovative technologies like 3D printing, improved processes and management methods to curate a class apart user experience.</i></p> <p><b>Speaker: Ardhendu Pathak</b>, VP and Head, Emerging Technologies &amp; Concepts, <b>Airbus</b></p> <p><b>Venue:</b> Royal Ballroom</p>	<p><b>Deep Dive IV</b></p> <p><b>Session title: Demystifying deep learning and artificial intelligence</b></p> <p>Session description: This session will focus on what exactly is deep learning and how it is revolutionizing the space of artificial intelligence. It will also cover:</p> <ol style="list-style-type: none"><li>1. Applications of deep learning across industries</li><li>2. How practitioners can use deep learning</li><li>3. How business leaders can adopt deep learning within their industries</li></ol> <p><b>Speaker: Prashant Warrior</b>, Chief Data Scientist, <b>Fractal Analytics</b></p> <p><b>Venue:</b> Turret Room</p>
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**Main Conference**

0830 Hrs. Onwards	Registration		
1245- 1345 hrs.	Networking Lunch		
1345 hrs.- 1415 hrs.	<p><b>Welcome Address:</b></p> <p><b>R Chandrasekhar, President, NASSCOM</b></p> <p><b>Manu Parpia, Summit Chair, NASSCOM Design &amp; Engineering Summit</b></p> <p><b>Samir Yajnik, Chair, NASSCOM Engineering &amp; R&amp;D Council</b></p> <p><b>Report Release on Industrial IoT</b></p> <p><b>Venue: Grand Ballroom</b></p>	<p><b>1000 hrs. – 1300 hrs.</b></p> <p><b>Council Meeting followed by Roundtable with Carlo Ratti</b></p> <p><b>Venue: Turret Board Room</b></p>	
1415 hrs.- 1500 hrs.	<p><b>Session I: Opening Keynote</b></p> <p><b>The Past, Present and Future of the Internet of Things</b></p> <p>Prepare for the smart interconnected world and how to future-proof your business.</p> <p><b>Speaker: Kevin Ashton</b>, Inventor of the "Internet of Things", Creator, <b>WeMo</b> Home Automation Platform &amp; Co-Founder &amp; CEO, <b>Zensi</b> (leading clean-tech startup)</p>		

	Venue: Grand Ballroom		
1500 hrs. - 1530 hrs.	<p><b>Session II: Guest Keynote</b></p> <p>Speaker: <b>Carlo Ratti</b>, Inventor &amp; Professor, MIT</p> <p>Venue: Grand Ballroom</p>		
1530 hrs. - 1600 hrs.	<b>Ideate Better. Network over Tea/coffee</b>		
1600 hrs. – 1610 hrs.	<p><b>Session III: Disruptor Byte</b></p> <p>Aerospace in Disruption</p> <p>Speaker: <b>Anurag Rana</b>, Founder &amp; CEO, Theye</p> <p>Venue: Grand Ballroom</p>	<p>1600 hrs – 1645 hrs Session : Masterclass</p> <p><b>The Internet of Things: How You Can Disrupt or Be Disrupted in</b></p> <p>Speaker: <b>Kevin Ashton</b>, Inventor of the "Internet of Things", Creator, <b>WeMo</b> Home Automation Platform &amp; Co-Founder &amp; CEO, <b>Zensi</b> (leading clean-tech startup</p> <p>Venue: Royal Ballroom</p>	
1610 hrs. -1655 hrs.	<p><b>Session IV: Panel Discussion</b></p> <p><b>The Leap from Product to Services: Is this the new era of Manufacturing?</b></p> <p><i>This session will look at the changing face of Operating Model as</i></p>		

	<p><i>it Undergoes 'Product-Service Shift</i></p> <p><b>Speakers: Alok Nanda, General Manager, GE Aviation Engineering</b></p> <p><b>Lakshmi Narayan, Managing Director, Harman International, India</b></p> <p><b>Tarun Mishra, Co-Founder, Covacsis</b></p> <p><b>Moderator: Madhavan Satagopan, Chief Technology Officer - Altimetrik</b></p> <p><b>Venue: Grand Ballroom</b></p>		
1655 hrs.- 1745 hrs.	<p><b>Session V: Quick Grabs</b></p> <p><b>Continuous Engineering: Continuous Innovations</b></p> <p><b>Speakers: Charles Toups, VP GM, Boeing</b></p>		

	<p><b>The Automated Agile Manufacturing Revolution</b></p> <p><b>Speaker: Paul Humphries</b>, President- High Reliability Solutions Group, <b>Flextronics</b></p> <p><b>Chair: Manu Parpia</b>, Summit Chair, <b>NASSCOM Design &amp; Engineering Summit &amp; MD &amp; CEO</b>, <b>Geometric</b></p> <p><b>Venue: Grand Ballroom</b></p>		
<p>1745 hrs. – 1755 hrs.</p>	<p><b>Session VI: Disruptor Byte</b></p> <p><b>Process Control: Disrupted!</b></p> <p><b>Speaker: Derick Jose</b>, Co-founder, <b>Flutura Decision Sciences</b></p> <p><b>Venue: Grand Ballroom</b></p>		
<p>1755 hrs. -1840 hrs.</p>	<p><b>Session VII: Panel Discussion</b></p> <p><b>Digital Disruption &amp; Evolving Business Models</b></p> <p><i>Digital disruption is an era where technology and society are evolving faster than businesses can naturally adapt. Sensing the urgency of the matter, all business drivers are gearing up and revising their models to stay tuned.</i></p> <p><b>Speaker:</b> <b>Dr. Camille Vuillaume</b>, Senior Manager - Embedded Security, <b>ETAS K.K</b></p> <p><b>Ashish Sharma</b>, Head- India, <b>Weirgroup</b></p>		

	<p><b>Jonas Berges</b>, Director of Applied Technology, <b>Emerson Process Management, Singapore</b></p> <p><b>Moderator: Ravi Subramanyam</b>, Founder &amp; CEO, <b>ibot</b></p> <p><b>Venue: Grand Ballroom</b></p>		
1840 hrs. – 1845 hrs.	<p><b>Closing Remarks</b></p> <p><b>By Karthikeyan Natarajan</b>, Senior VP &amp; Global Head - Integrated Engineering Solutions, <b>Tech Mahindra</b></p>		
1845 hrs. Onwards	<b>Networking and Cocktail</b>		

Thursday, 6<sup>th</sup> October, 2016

MAIN CONFERENCE		DEEP DIVES	
0830 hrs. onwards	<b>Registration and Networking</b>  <b>Venue:</b>		
0920. – 0930 hrs.	Ice Breaker session		
0930-1000 hrs.	<b>Session VIII: Wake up and Smell Your Coffee Session</b>  <b>Leadership Lessons to embrace the Digital Tide</b> <i>In this session S.N Subrahmanyam will share best practices of implementation of Digitization in terms of IoT, Smart Automation, Big data in Manufacturing &amp; construction sector. Which will be followed by an informal conversation and interaction with the audience.</i>  <b>Short keynote by: S.N. Subrahmanyam</b> , Deputy Managing Director and President, <b>L&amp;T</b>  <b>Followed by in-conversation with R Chandrasekhar</b> , President, <b>NASSCOM</b>  <b>Venue: Grand Ballroom</b>		
1000-1055 hrs.	<b>Session IX: Mash Up- Short Keynote followed by Panel Discussion</b>  <b>Short Keynote:</b> <b>IoT: Roadmap to a Connected World</b>	<b>1030 Hrs : 12:00 Hrs</b>  <b>Session: NIPP IoT COE Connect Session</b>	<b>1030 Hrs. – 12:00 Hrs.</b> <b>SAE Session on Aero</b>  <i>Aerospace industry has been the fore runner in technology experimentations and adoptions</i>



	<p><i>It is now well established that IoT will not only impact every one of us but will also have a material impact on the business metrics of organizations. However the reality is that there are still challenges that are not making IoT go beyond the PoC case. It is still a dialogue where the executive leaders believe in it, but it is not hitting the shop floor. Our panel will factor in the drag factors and discuss how to overcome these – and make IoT adoption universal and mainstream, thereby realizing it’s obvious potential. The discussion will center around:</i></p> <ul style="list-style-type: none"> <li>• <i>How do enterprises strike the balance where implementing IoT needs them to disrupt their business model</i></li> <li>• <i>How one should implement IoT in diverse &amp; complex technology infrastructure</i></li> <li>• <i>How can organizations and consortiums help in developing mature processes and competencies to help with the IoT journey</i></li> </ul> <p><i>What are the mindset and cultural changes necessary to make IoT a reality</i></p> <p><b>Speaker: Jakob Thomas</b>, Regional President-Asia Pacific, <b>Bosch Software Innovations</b></p> <p><b>Speakers:</b></p> <p><b>Jakob Thomas</b>, Regional President-Asia Pacific, <b>Bosch Software Innovations</b></p> <p><b>Ashutosh Chincholikar</b>, Business Head, <b>Smart Controls India Ltd</b></p>	<p><b>Venue: Turret</b></p>	<p><i>of the new technology. Digital Technology, Internet of Things, Industry 4.0, data analytics, IVHM etc. are being implemented in aerospace industry for over a long time at different stages depending upon the type of applications. Few organizations have been very successful and some others are experimenting in a calculated approach. These experiences are of great value to entire aerospace industry to take the digital initiatives forward. However there is a bigger challenge given the fact that technology is changing at rapid phase for adoption in the aerospace industry coupled with increasing security threats. Hence it is important to understand the digital transformation happening in the aerospace industry.</i></p> <p><i>This high level panel discussion will focus on the various aspects of digital transformation happening at some of the leading aerospace in the industry.</i></p> <p><b>Speakers: Mr. Arvind Mathur</b></p>
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	<p><b>Anand Madanagopal, Founder, Cardiac Design Labs.</b></p> <p><b>Moderator: Sudip Singh, Senior Vice President - Global Business Unit Head, Engineering Services at Infosys Limited, Infosys</b></p> <p><b>Venue: Grand Ballroom</b></p>		<p>Director , Honeywell</p> <p>Mr. Vaira Sarvananan, GE</p> <p>Mr. Anup Vittal, MD, Safran</p> <p>Venue:</p>
<p>1055 hrs.- 1125 hrs.</p>	<p><b><i>Strengthen your network. Grab some Tea/coffee</i></b></p>		
<p>1125-1210 hrs.</p>	<p><b>Session X: Panel Discussion</b></p> <p><b>Software Defined manufacturing: Rethinking the future of product design &amp; manufacturing</b></p> <p><i>With Digital forces, IoT and Industry 4.0 initiatives, many organizations are rethinking their way of managing their operations. These technologies bring in real time decision making and enable shop floor automation to achieve increased flexibility and mass customization. Closed loop approach across the product lifecycle - from design to manufacturing to services and back - enables faster response to the changing customer expectations. Global Manufacturers already started making significant investments in this area. This session will bring out the potential of these changes and how organizations are taking advantage of the same</i></p> <p><b>Speakers:</b>  <b>Jim Thompson, VP, Systems Software Development, Unisys</b></p> <p><b>Prasanna Gonuguntla, Dy CEO and Coo , Mercedes Benz R&amp;D Center</b></p>		

	<p><b>Sameer Chavan</b>, Director - User Experience Design &amp; Strategy, <b>Intuit</b></p> <p><b>Moderator: Regu Ayyaswamy</b>, VP &amp; Global Head-Engineering and Industrial Services, <b>TCS</b></p> <p><b>Venue: Grand Ballroom</b></p>		
<p>1210 hrs. – 1300 hrs.</p>	<p><b>Session XI: Leader’s Speak</b></p> <p><b><i>‘Look Ma No Hands’– Autonomous World (Car, Drone, Wearables)</i></b></p> <p><i>This session will address nuances like definition of the ‘Connected World, What is the business potential and what should companies do to benefit from these disruptions? What are the typical challenges being faced to move ahead towards a more connected world? implications on What’s your take on Data and Security ?What is the scope of cross industry applications</i></p> <p><b>Speakers:</b></p> <p><b>Jeff Torrence</b>, VP Business Development , <b>Qualcomm</b></p> <p><b>Dr. Tim Leverton</b>, Head- Advanced and Product Engineering ,<b>Tata Motors</b></p> <p><b>Chair: Karthikeyan Natarajan</b>, Senior VP &amp; Global Head - Integrated Engineering Solutions, <b>Tech Mahindra</b></p> <p><b>Venue: Grand Ballroom</b></p>		
<p>1300 hrs. – 1400 hrs.</p>	<p><b>Meet. Network. Discuss - Lunch Break</b></p>		

<p>1400 hrs. – 1420 hrs.</p>	<p><b>Session XII: Quick Grab</b></p> <p><b>Technology and Innovation for social good</b></p> <p><b>Speaker: BVR Mohan Reddy, Former Chairman, NASSCOM</b></p> <p><b>Venue: Grand Ballroom</b></p>	<p>1400 hrs. – 1500 hrs.</p> <p><b>SSC Session</b></p> <p><b>Venue: Turret Board Room</b></p>	
<p>1420 hrs. – 1440 hrs.</p>	<p><b>Session XIII: Leader Speak</b></p> <p><b>Design Thinking for Customer Experience</b></p> <p><i>Many of the world’s leading organisations have been applying design thinking principles to create truly innovative products and services to drive innovation through iterative process and rapid prototyping and enable customer centricity and drive transformation, which is critical in disruptive times. This session will investigate the role of design thinking in creating a customer focus and driving disruptive innovation within a business from the perspective of the Customer experience. It will explore how design thinking impacts moving business into the digital space and the benefit of empathy and the end user perspective in improving the success. It will also address dealing with throwback from an organisation that has traditionally familiar with project management to Develop better products and services for an increasingly digital customer; Transform the back end to keep up with digital products and services and Build an innovation pipeline for an ecosystem of the future</i></p> <p><b>Speaker:</b></p> <p><b>Hemmant Jha, Chief Design Officer, Godrej &amp; Boyce</b></p>		

	Venue: Grand Ballroom		
1440 hrs. - 1525 hrs.	<p><b>Session XIV: Mash-Up</b></p> <p><b>Out of this World: Designing for Space</b></p> <p><b>Short Keynote:</b>  <b>Kyle Nel</b>, Executive Director, <b>Lowe's Innovation Labs</b></p> <p><b>Followed by Panel discussion</b></p> <p><b>Speakers:</b>  <b>Kyle Nel</b>, Executive Director, <b>Lowe's Innovation Labs</b></p> <p><b>Rahul Narayan</b>, CEO, <b>Team Indus</b></p> <p><b>Moderator: KS Viswanathan</b>, VP, <b>NASSCOM</b></p> <p>Venue: Grand Ballroom</p>		
1525 hrs. -1605 hrs.	<p><b>Session: XV: Closing Keynote</b></p> <p><b>Design makes the world a better place to live</b></p> <p><i>How design is instrumental to bring together technology and esthetic, making unique the everyday customer experience and creating brand loyalty in a shared economy.</i></p>		

	<b>Speaker:</b>  <b>Silvio Pietro Angori, CEO, Pininfarina SpA</b>  <b>Venue: Grand Ballroom</b>		
1605 hrs. Onwards	<b>Networking Tea/Coffee</b>		

**Disclaimer: 'NASSCOM reserves the right to make changes to this agenda'**