

**Yuri Bazilevs, University of California, San Diego**

<b>Talk title</b>	Isogeometric Methods in Solids, Structures, and Fluid-Structure Interaction
<b>Biography</b>	<p>Yuri Bazilevs is a Full Professor and Vice Chair in the Structural Engineering (SE) Department, in the Jacobs School of Engineering at UCSD. Yuri completed his PhD and Postdoc training at UT Austin's Institute for Computational Engineering and Sciences (ICES). He joined UCSD as an Assistant Professor in 2008, was promoted to Associate Professor with tenure in 2012, and, subsequently, to Full Professor in 2014. Yuri develops sophisticated computational techniques and tools to build predictive models for a wide range of applications. His work addresses complex problems in the areas of medicine, such as blood flow in the heart and arteries, as well as in medical devices including blood pumps and artificial hearts; renewable energy, such as assessing damage to wind turbines due to extreme conditions in harsh offshore environments; and protecting infrastructure against man-made and natural disasters, such as assessing the response of structures to terrorist attacks. For his research contributions Yuri received several awards and honors. Most recently, he was included in the 2014, 2015, 2016, and 2017 Thomson-Reuters lists of Highly Cited Researchers and World's Most Influential Scientific Minds, both in the Engineering and Computer Science categories. More information about Yuri may be found at <a href="http://ristretto.ucsd.edu/~bazily">http://ristretto.ucsd.edu/~bazily</a>.</p>