

**Kenjiro Terada, Tohoku University**

<b>Talk title</b>	Simulations of multi-stage failure phenomena in slope disasters
<b>Biography</b>	<p>Dr. Terada's obtained his MSE in 1994 and PhD degree in 1996 from The University of Michigan. After being research associate at The University of Tokyo, he moved to Tohoku University and become full professor in 2012.</p> <p>The main thrust of Dr. Terada's research has been the computational homogenization methods and related mathematical modeling for materials and structures. In addition to the continuous and noteworthy contributions for their practical-level applications, his interest has recently been renewed for numerical methods for hypercomplex disaster simulations for related risk assessment.</p> <p>Dr. Terada has published about 220 refereed papers and many other articles in the field of computational mechanics, with the quality being invited as plenary and semi-plenary speakers at ECCOMAS and IACM-related conferences and as an awardee of the 2014 IACM Fellows Awards. He is currently the Vice-President of IACM, being appointed as a member of the IACM Executive Council since 2014. Also, he is currently the Presidents of both The Japan Society for Computational Engineering and Science and Japan Association for Nonlinear CAE. Furthermore, he has been served as a Editorial Board member of Computational Mechanics and as Associate Editor of International Journal for Numerical Methods in Engineering.</p>