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Energy **C**hallenges & **M**echanics
- working on small scales

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Speaker of Session 7

NANOTECHNOLOGY FOR GENERATORS



Dr. Takenori ONO (大野威徳) is now a lecturer at Teikyo University. He received Ph.D. degrees in mechanical engineering from the Tokyo Denki University, Japan in 2008. After the graduation, He joined the Tsuyama national college of technology as the teacher from 2008 to 2012. Also He worked at the Kyushu Sangyo University from 2012 to 2014.

His research focus is on the micro machining and the related manufacturing systems. His main work is a micro milling on typical brittle materials such as optical glasses, tungsten carbide and some ceramics with PCD coated carbide ball endmills. Now, He interests in an improving the function of the micro milling tool by a re-forming of the cutting edge shape

with the Focused Ion Beam process, and a vibration assisted machining on biocompatible materials such as Titanium alloys and Co-Cr-Mo.

