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- working on small scales

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ENERGY SAVING TECHNIQUES

Name : Tomohiro Nozaki

Position : Assistant Professor

Affiliation: Department of Electronic Engineering, Tohoku University, Sendai, Japan

Research field : Physical properties of oxide materials



Dr. Tomohiro Nozaki is an assistant professor in Tohoku University, Japan (2011~). He has been studying physical properties of oxide materials. His present works are about oxide spintronics, such as study on voltage control of magnetic properties using thin film magnetoelectric material, study on multi-state memory by combining ferromagnetic and ferroelectric materials. He received his Ph.D. (2011) in department of applied physics from Tohoku university, for his work on “Development and evaluations of thermoelectric generator for high temperature use using Fe-oxide thermoelectric materials”. He has been investigating many kind of materials; bulk materials, thin films, magnetic materials, dielectric materials, thermoelectric materials etc.

