

## 第 242 回応用セラミックス研究所講演会

**Thursday, April 25, 2013**

Tokyo Institute of Technology Suzukakedai Campus

電気学会マグネティックス技術委員会オンチップ RF マグネティックス調査専門委員会  
粉体粉末冶金協会フェライト委員会

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| 13:30 | Opening  |
| 13:35 | V. G. Harris (Northeastern University)<br>"The reduction of core loss in high frequency ferrite inductor cores by the colocation of magnetic nanoparticles in the grain boundary region"   |
| 14:35 | Masahiro Yamaguchi , Yasushi Endo, and Sho Muroga (Tohoku University)<br>"A challenge to analyze and suppress intra noise coupling in LTE-class RFIC using magnetic technologies"  |
| 15:15 | <i>Coffee Break</i>  |
| 15:30 | Mitsuteru Inoue, T. Takagi, Y. Nakamura, A. Baryshev and P. B. Lim (Toyohashi University of Technology)<br>"Magneto-optic volumetric hologram memory and magneto-optic 3D display with artificial functional magnetic materials"                 |
| 16:10 | Toshiro Sato (Shinshu University)<br>"High frequency power magnetic device application to package-level DC power grid for system in package"   |
| 16:50 | Shigeki Nakagawa, R. Yohena, H. Hayashibara, K. Hirata (Tokyo Institute of Technology)<br>"Development of anisotropic residual stress as an origin of high anisotropy field of FeCoB films with ferromagnetic resonance frequency around 10 GHz" |
| 17:30 | Closing  |
| 18:00 | Discussion with Dinner at Yonesou  |