

高分子学会九州支部 外国人講演会

From Stimuli-Responsive to Self-Healing Polymeric Networks

Professor Marek Urban

(The University of Southern Mississippi)



主催：高分子学会九州支部

日時：2010年1月7日（木）15:00-16:30

場所：佐賀大学工学部8号館5階 国際環境科学セミナー室

Marek Urban 教授（南ミシシッピ大学）は刺激応答性高分子材料の研究で有名な方であり、300編を超える論文を報告しておられます。最近では、自己修復性のポリマーを *Science* 誌（**2009**, 323(5920), 1458-1460）に発表して注目されています。

今回、来日される機会に佐賀での講演をお願いしました。多数、ご来聴下さいますようご案内申し上げます。

Professor Marek W. Urban is a professor of polymer science and engineering at the University of Southern Mississippi and director of National Science Foundation Materials Research Science and Engineering Center (MRSEC). His research attracted numerous international media and was featured by New York Times, Forbes and so on. He has authored over 300 research papers, several patents, three books, and edited eight American Chemical Society Advances in Chemistry Series books. Current focus of his research is on stimuli-responsive polymeric materials and molecular level processes that govern their behavior. Understanding film formation processes as well as mobility of polymeric components in heterogeneous networks are of particular interest. Other orchestrated efforts are directed towards the development of self-repairable polymeric materials as well as self-stratified films interacting with biological systems.

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