

Challenges and Opportunities for the Materials World Network in the 21st Century

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The Materials World Network (MWN) was established in 1995 and developed through a series of seven materials workshops sponsored by the US National Science Foundation. Supported by a framework of joint funding agreements between NSF and many of its counterpart agencies worldwide, the Network now connects a diverse community of research centers, academic institutions, national laboratories, technical societies, and industry partners around the world. Based on joint ownership and universal participation, MWN promotes collaborations among developing and developed countries and serves as a platform for addressing global challenges via materials science, education, and technology. This talk will discuss the future establishment of a Global E-Institute to address global challenges occurring at the intersection of energy, environment and the economy.