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Carbon Nanotubes—Synthesis, Properties, Functionalization, and Applications

EDITORS

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Carbon Nanotubes—Synthesis, Properties, Functionalization, and Applications

Symposium held November 30-December 5, 2014 Boston, Massachusetts. U.S.A.

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PREFACE

Symposium MM, "Carbon Nanotubes: Synthesis, Properties, Functionalization, and Applications," was held Nov. 30–Dec. 5 at the 2014 MRS Fall Meeting in Boston, Massachusetts, U.S.A.

More than 20 years after their discovery, carbon nanotubes and related hybrid composite materials are finding their way into various applications of a highly diverse nature. Nevertheless, there remains much to explore about this fascinating material class, and the full potential for nanotubes has not thus far been utilized.

This symposium Proceedings volume represents the recent advances in carbon nanotube research presented at the MRS Fall Meeting 2014. The 20 papers accepted for publication are divided into three topical sections: (1) Synthesis and Characterization, (2) Properties, Processing, Theory & Simulation and (3) Applications. Each paper in this volume provides a glimpse at the exciting recent developments occurring in nanotube research and represents the broadness and interdisciplinary nature of this exciting research field. We hope that these papers will find high recognition and stimulate fruitful discussions and new ideas within the scientific community.

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