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Vega *et al.* The phase diagram of water at high pressures as obtained by computer simulations of the TIP4P/2005 model: the appearance of a plastic crystal phase

COVER ARTICLE

PERSPECTIVE Scuseria *et al.* Screened hybrid density functionals for solid-state chemistry and physics



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Turning Points in Solid-State, Materials and Surface Science



A Book in Celebration of the Life and Work of **Sir John Meurig Thomas**



Edited by: Kenneth D M Harris and Peter P Edwards Foreword by: Roald Hoffmann Introduction by: Ahmed H Zewail Publication date: November 2007 Publisher: RSC Publishing Book Type: Professional Reference ISBN: 9780854041145 Price: £99.95 Turning Points in Solid-State, Materials and Surface Science provides a state-of-the-art survey of some of the most important recent developments across the spectrum of solid-state, materials and surface sciences, while at the same time reflecting on key turning points in the evolution of this scientific discipline and projecting into the directions for future research progress.

The book serves as a timely tribute to the life and work of Professor Sir John Meurig Thomas FRS, who has made monumental contributions to this field of science throughout his distinguished 50-year career in research, during which he has initiated, developed and exploited many important branches of this field. Indeed, the depth and breadth of his contributions towards the evolution and advancement of this scientific discipline, and his critical role in elevating this field to the important position that it now occupies within modern science, are demonstrated recurrently throughout the chapters of this book.

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