

## CONTENTS

From a fluorescent patch to picoscopy, one strand in the history of the electron <i>P.W. HAWKES</i> .....	3
Synergetic modelling of sustainable development <i>P. KERVALISHVILI, B. MEPARISHVILI AND G. JANELIDZE</i> .....	21
The impacts of nanotechnology Part I: Introductory material Part II: The main anticipated technical impacts Part III: Can nanotechnology contribute to tackling the grand challenges? Part IV: Towards a conclusion <i>J.J. RAMSDEN</i> .....	28
Charged impurity scattering of electrons in quasi-two dimensional semiconductor systems <i>Z. GOGUA, P. KERVALISHVILI AND G. KANTIDZE</i> .....	67