541.3321 NATO

TABLE OF CONTENTS

Prefacevii	
List of Participantsxi	
1.	An Introduction to Green Chemistry D. St. C. Black1
2.	The Possibility to Obtain a new Generation of Ionic Liquids Starting from Natural Compounds <i>C. Chiappe</i>
3.	Catalysis in Ionic Liquids: A Key to Sustainable chemistry C. Trombini and M. Lombardo
4.	Ionic Liquids for Spectroscopy; Spectroscopy for Ionic Liquids C. D. Tran
5.	Chemical Reactions and Related Phase Behavior in Supercritical CO ₂ and CO ₂ /Ionic Liquid Mixtures <i>T. Jiang and B. Han</i>
6.	Water-Based Metal Remediation Processes: Basics and Novel Developments <i>K. E. Geckeler</i>
7.	'Greener' Organic Syntheses Under Non-Traditional Conditions Using Microwave and Ultrasound Irradiation and Mechanochemical Mixing <i>R. S. Varma</i>
8.	The Greenest Reagent in Organic Synthesis: Light A. Albini and M. Fagnoni
9.	Hydrogen Peroxide in Green Oxidation Reactions: Recent Catalytic Processes A. Goti and F. Cardona
10.	Dimethyl Carbonate: Green Solvent and Ambident Reagent P. Tundo, F. Aricò, A. Rosamilia, S. Grego and L. Rossi