
Introduction

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In this special issue various perspective to increase efficiency at all stages of the energy chain valorising the renewable energy resources are investigated. The topics of the papers indicate that there is an increasing trend towards to develop innovative and efficient applications for the generation of reliable, sustainable and affordable energy for satisfying the rising world energy demand.

For this special issue, 32 participants were invited to prepare an updated and extended paper for journal peer-review. Finally four papers were accepted. Prof. Antonio Gagliano, Prof. Giuseppe Marco Tina, Prof. Ahmad Harb and Dr. Mohamed Habib Sellami have acted as Guest Editors.