



**energies**



*Special Issue Reprint*

## **Selected Papers from PRES'19**

[www.mdpi.com/books/reprint/3002](http://www.mdpi.com/books/reprint/3002)

Edited by

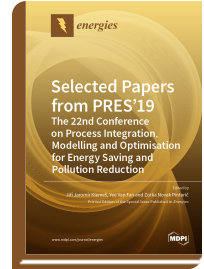
Jiří Jaromír KLEMĚŠ

Yee-Van Fan

Zorka Novak Pintarič

ISBN 978-3-03943-120-5 (Hardback)

ISBN 978-3-03943-121-2 (PDF)



Energy is a fundamental social need and plays an essential role in driving economic growth. The emerging economy requires the support of a reliable, affordable, and energy system with low carbon emissions and air pollutants. System design is important in facilitating sustainable development. Various works that aspire to promote sustainable system design by addressing the issues of enhancing energy and environmental performance were presented in the Special Issue (SI) of the 22nd Conference on Process Integration, Modelling and Optimisation for Energy Saving and Pollution Reduction (PRES'19). The contribution can be categorised into four topics focused on modelling, simulation, optimisation, and assessment studies, on the topics of: (a) heat integration and heat transfer, (b) integrated and newly developed heat exchangers, (c) integration of renewables (d) roles in economic and environmental sustainability. This book is complemented with an editorial review, to highlight the broader state-of-the-art development.



Order Your Print Copy  
You can order print copies at  
[www.mdpi.com/books/reprint/3002](http://www.mdpi.com/books/reprint/3002)

MDPI Books offers quality open access book publishing to promote the exchange of ideas and knowledge in a globalized world. MDPI Books encompasses all the benefits of open access – high availability and visibility, as well as wide and rapid dissemination. With MDPI Books, you can complement the digital version of your work with a high quality printed counterpart.



### **Open Access**

Your scholarly work is accessible worldwide without any restrictions. All authors retain the copyright for their work distributed under the terms of the Creative Commons Attribution License.



### **Author Focus**

Authors and editors profit from MDPI's over two decades of experience in open access publishing, our customized personal support throughout the entire publication process, and competitive processing charges as well as unique contributor discounts on book purchases.



### **High Quality & Rapid Publication**

MDPI ensures a thorough review for all published items and provides a fast publication procedure. State-of-the-art research and time-sensitive topics are released with a minimum amount of delay.



### **High Visibility**

Due to our global network and well-known channel partners, we ensure maximum visibility and broad dissemination. Title information of books is sent to international indexing databases and archives, such as the Directory of Open Access Books (DOAB), and the Verzeichnis Lieferbarer Bücher (VLB).



### **Print on Demand and Multiple Formats**

MDPI Books are available for purchase and to read online at any time. Our print-on-demand service offers a sustainable, cost-effective and fast way to publish MDPI Books printed versions.