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Current Status on Natural Working Fluids in Cooling, Heating and Power Systems

Dear Colleagues,

Message from the Guest Editors

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Deadline for manuscript submissions: closed (20 January 2022)

Cooling, heating and power systems are of vital importance for mankind, being essential for most of the activities of modern society. However, these systems also

activities of modern society. However, these systems also contribute dramatically to climate change. Therefore, the adoption of eco-friendlier cooling, heating and power solutions is mandatory in order to mitigate the contemporary environmental challenges and to respect the different regulations on the progressive ban of hydrofluorocarbons. Indeed, natural working fluids, such as hydrocarbons, carbon dioxide, water, ammonia and air, with negligible/zero global warming potential and zero ozone depletion potential are bound to play a key role in this context.

The purpose of this Special Issue is to attract state-of-theart research and review articles on the use of natural working fluids in cooling, heating and power systems.

Dr. Paride Gullo Mr. Roberto Pili Prof. Dr. Sébastien Poncet *Guest Editors*



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Editor-in-Chief

Message from the Editor-in-Chief

Prof. Dr. Giulio Nicola Cerullo Dipartimento di Fisica, Politecnico di Milano, Piazza L. da Vinci 32, 20133 Milano, Italy As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

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