

Partner offer (competences/expertise)

We are running CFD simulations (computational fluid dynamics) for heat transfer including phase changes of arbitrary liquids and the full thermodynamic impact of such phase changes (evaporation, condensation, freezing, ...).

Our simulations can also include radiation effects for high temperature situations or solar radiation effects on buildings. For urban planning we can simulate open areas (e.g. a urban city block) including the cooling effect of vegetation, parks, fountains and any other influence of evaporating or condensing moisture.

For more information see here: <http://rheologic.net>

Topics

EE-01-2017:

Waste heat recovery from urban facilities and re-use to increase energy efficiency of district or individual heating and cooling systems

EE-04-2016-2017.:

New heating and cooling solutions using low grade sources of thermal energy

EE-05-2016.:

Models and tools for heating and cooling mapping and planning

Contact

DI Dr. Markus Luisser

Rheologic

Liniengasse 40/12
1060 Wien
Austria

Homepage: <http://rheologic.net>
Email: markus.luisser@rheologic.at
Phone: +43 664 8406186
Organisation: Industrial SME