

# CELSIUS Talk: OPTi-mising district heating solutions

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## Welcome to one of the CELSIUS webinars!

This Toolbox-exclusive CELSIUS Talk showcases the innovative tools developed by the OPTi project. OPTi's exciting catalogue of assets are designed to benefit industry and end-users by optimizing the architecture and control of DHC systems through advanced modelling, analysis and control. This Talk offers an introduction to the project's approach and the specific tools they have developed.

## The Recording


[https://www.youtube.com/watch?v=QenI3ngMLk0&feature=emb\\_logo](https://www.youtube.com/watch?v=QenI3ngMLk0&feature=emb_logo)

## The Presentations

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### Short overview of the OPTi framework

*Wolfgang Birk*, Professor of Automatic Control and Vice Director of the Area of Excellence Intelligent Industrial Processes, Luleå University of Technology

[Presentation](#)  / [Short cut to the video recording](#)

### Virtualization of district heating systems

*Yvonne Ritter*, Research Manager, TWT GmbH Science and Innovation

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### OPTi-misation from top to bottom

*Wolfgang Birk*, Professor of Automatic Control and Vice Director of the Area of Excellence Intelligent Industrial Processes, Luleå University of Technology

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### Automated Demand Response, Incentives and contracts

*George Thanos*, Research and Innovation Manager in the Technology Economics Lab, Athens University of Economics

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