



Dr. Lars Rodefeld

The Science of Scale-up



**Industrielle Organische
Synthese**

WS 23/24 – WWU





CV Lars Rodefeld

Own Roles in Chemical Industry : Lanxess / Saltigo / Bayer

- Lab Lead Process Development
- Plant Manager Scale-up facility
- Outsourcing Coordination between scale-up plants
- Department Lead Process Chemistry / Isotope & Special Chemistry / Fungicide Chemistry
- Global Project Lead / Global Portfolio Lead
- Function Lead Small Molecules Technology
(Global Process&Bioprocess Chemistry & Chemical Analytics for CropScience)

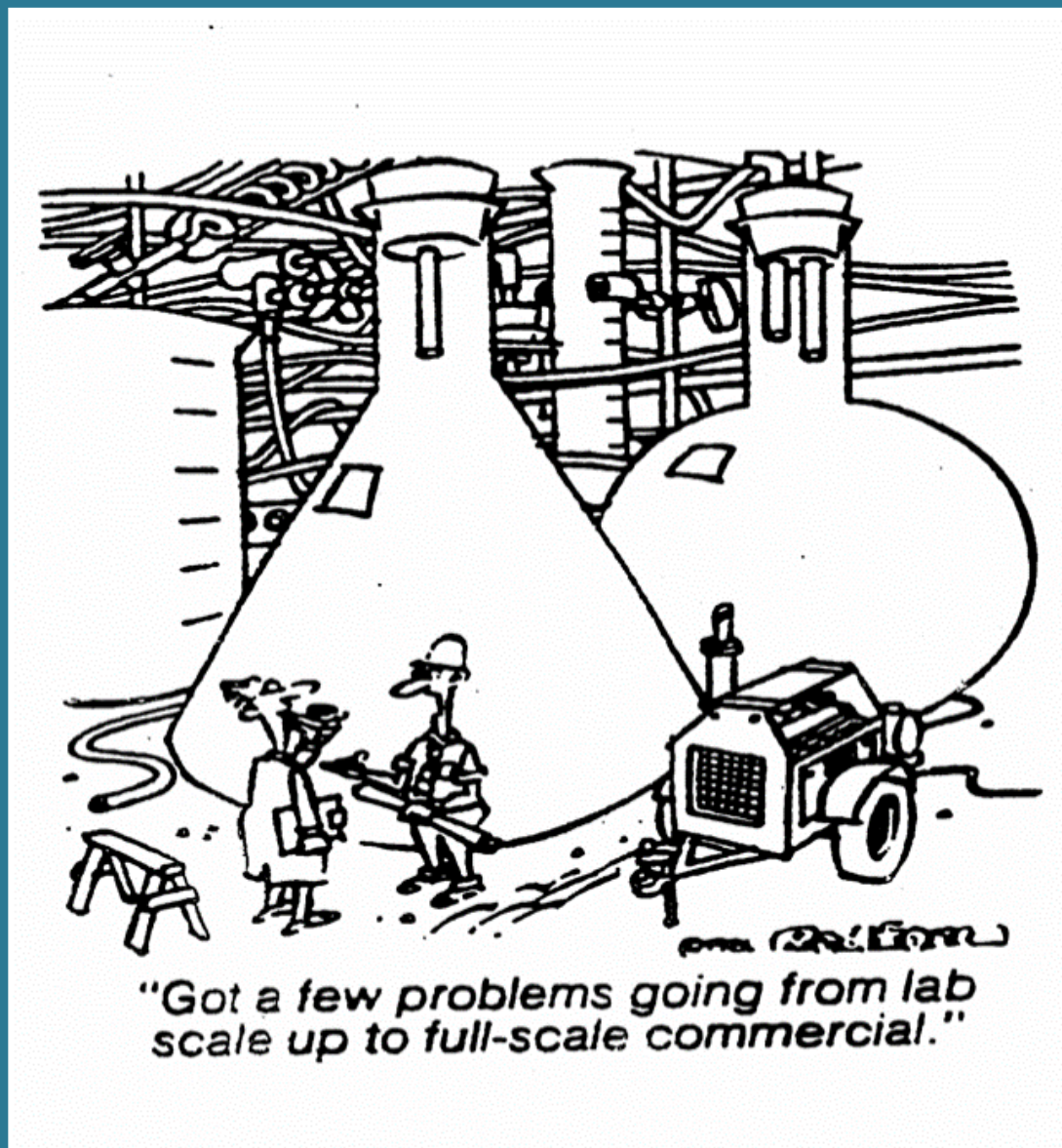
2006 to 2007

Lecturer Universität of Aachen

Since WS 2008

Lecturer University of Münster

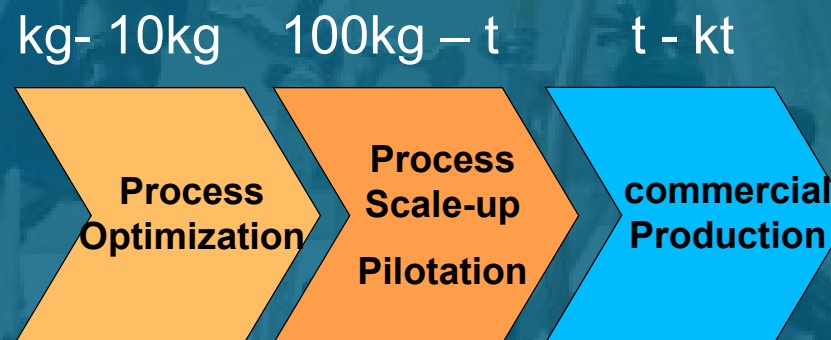
Cannot be so difficult,
can it?





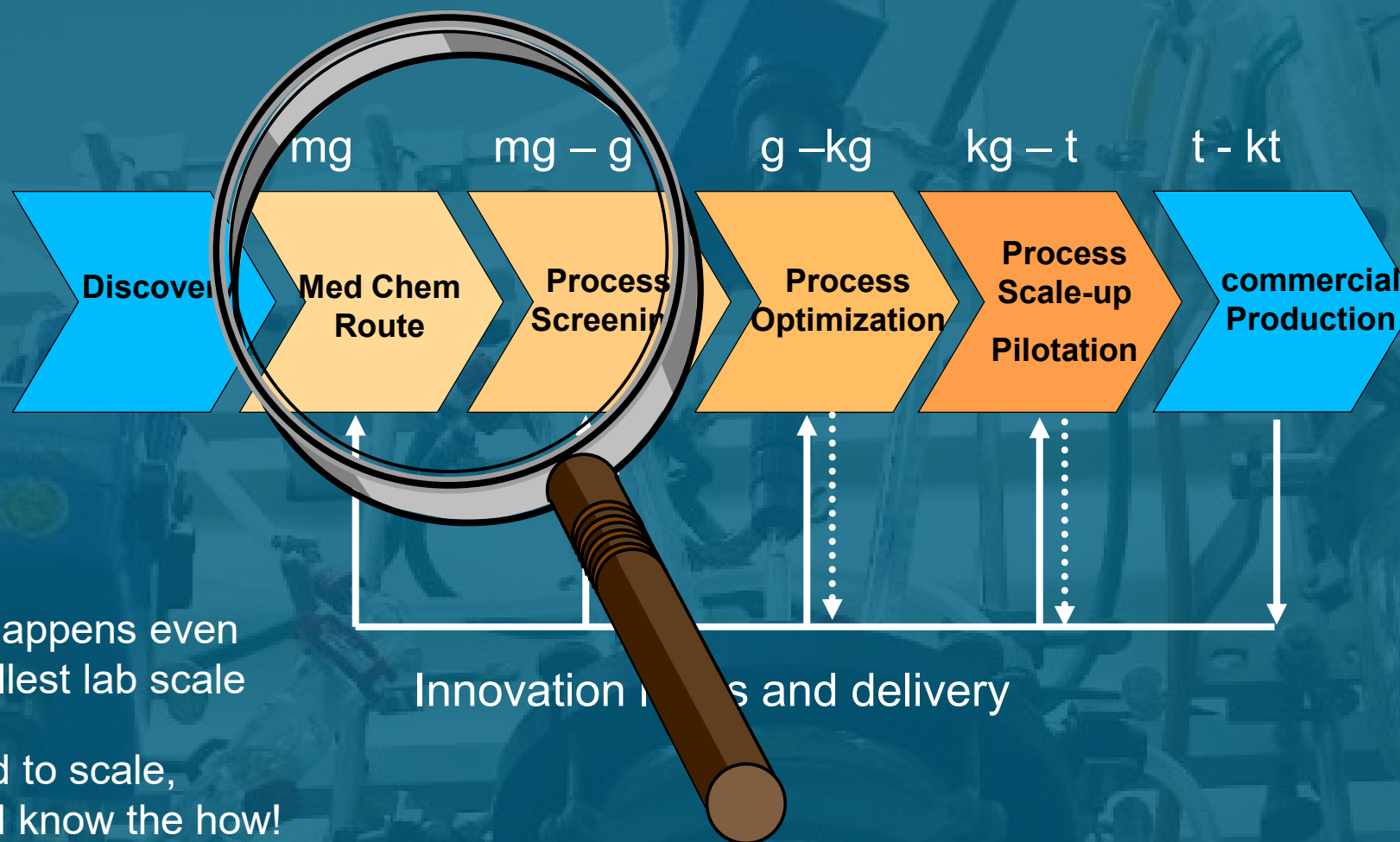
Why should I attend?

A problem of industry that I can learn later?





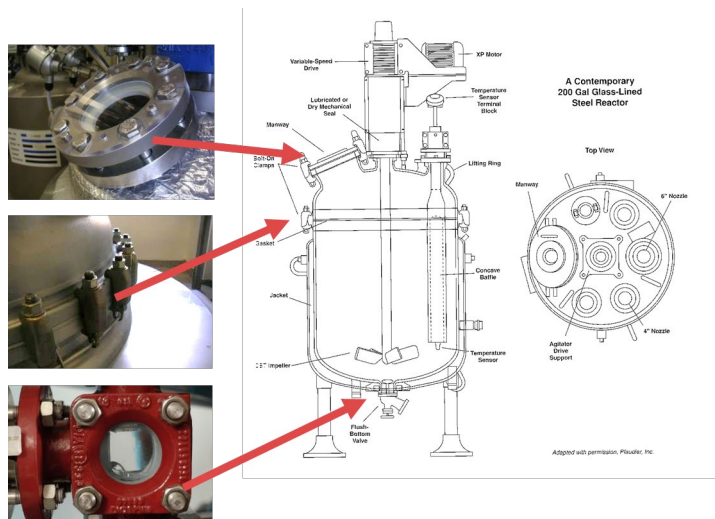
Why should I attend?



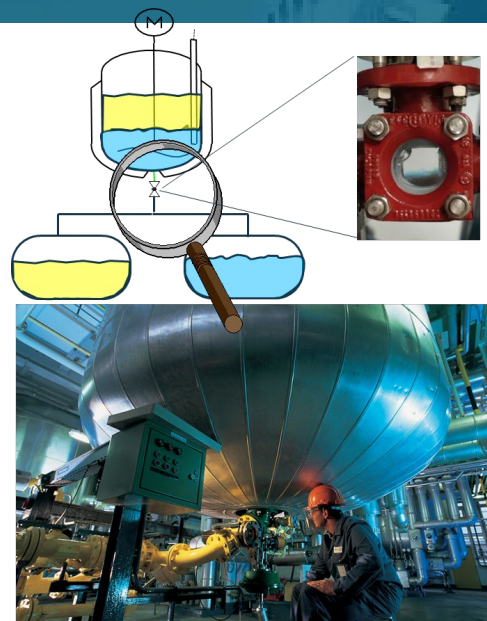
- Scale up happens even in the smallest lab scale
- If you need to scale, you should know the how!



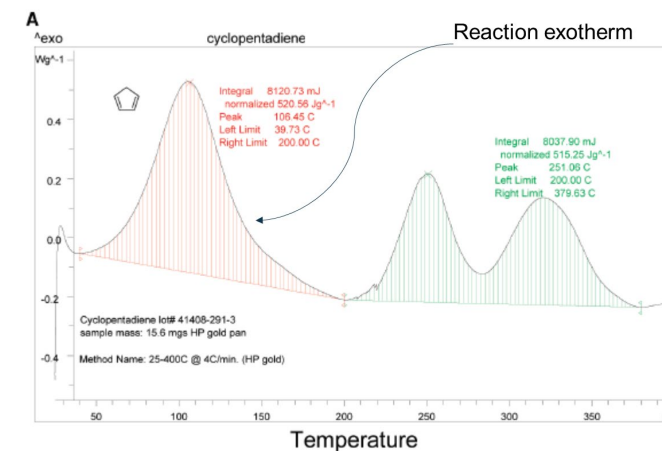
Content



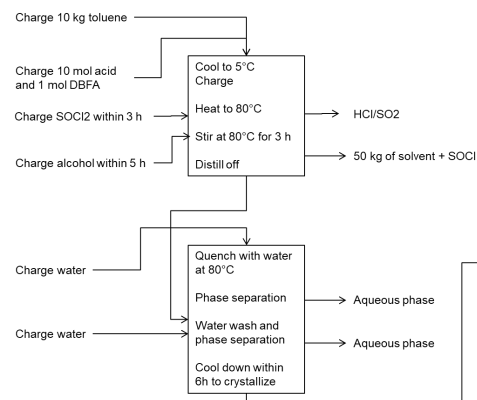
Equipment



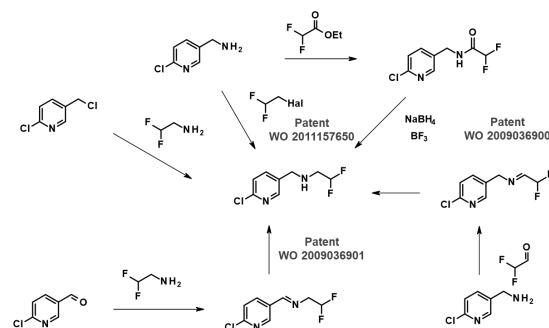
Basic Operations



Safety



Visualization & Costing



Route Design

Join the lecture
and understand,
why it is not like
this!

8.12., 15.12.,
12.01. und 19.01.
jeweils 14 Uhr ct.
Hörsaal O1

