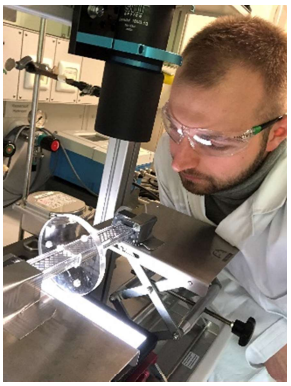
Establishing Micro- and Millireactors worldwide

Go with the Flow - Sailing Trip IJsselmeer

Ehrfeld recently had a sailing workshop on the IJsselmeer in the Netherlands, where also our PhD students joined us, to create new ideas for helping our customers in an even optimized way to overcome the hurdles of implementing the new technology platform of micro- and millireactors from lab up to production. It was great to be in a totally different surrounding on this boat, then as always in the office and new ideas and perspectives appeared much easier. So, we created new concepts for supporting our customers on their pathway to a continuous production level. By the way, we also had a lot of fun with the sailing itself.
Please ask us for assistance, if you decide to move forward with this trendsetting technology!

Thesis on MIPROWA Technology



Coming from different customer requests there is a lot of interest in characterization of the Miprowa technology. For example, our new PhD student Jan-Niklas Denker from the Ruhr-Universität Bochum Chair of Fluid Process Engineering, is evaluating fluid dynamics, mass and heat transport for this technology platform. Therefore, he started with determining two-phase flow regimes. Using optical measurements methods, he is looking at a plexiglass channel with the well-known mixing inserts of the Miprowa. Concurrently an experimental set up for mass transfer measurements is under construction.

Continuous Flow Reactor Technology for Industrial Applications

Ehrfeld is looking forward to showing a Organolithium transformation at the DEMO session of the CFRT symposium on Monday 21st of October at the university of Strathclyde in Glasgow. We are using our modular reactor system MMRS for optimized configurations. The included FlowPlate reactor is the perfect R&D tool for multistep synthesis. On top, we are able to use real-time inline analytics like IR or NMR for fast screening of several working conditions. The reaction performance improvement is driven by fast mixing, fast reaction time and enhanced heat and mass transfer. We are looking forward to meeting you there and to answer all appearing questions.

If you have any questions, we will be pleased to answer them by phone, email or in a personal meeting. Visit us under www.ehrfeld.com to obtain an initial impression of our technology.

Or meet us in person at the next event:

Continuous Flow Reactor Technology for Industrial Applications
21st – 23rd of October in Glasgow

In case of further questions, please do not hesitate to contact us:
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Kind regards,
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