



Process Intensification for Chemical Engineering and Processing

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Message from the Guest Editors

Dear Colleagues,

Although more than 20 years have passed since our colleagues Stankiewicz and Moulijn defined process intensification in all its variations, much research work is still taking place in this field. On the level of unit operations and their combinations or on the process level, the methods have found wide applications in the process industry, but a thorough and theoretical understanding that would enable us to predict critical effects is still lacking. At the same time, intensified processes are becoming increasingly important. Efficient processes are the indispensable prerequisite for coping with the challenges of the future. They help to make the chemical industry more sustainable in terms of resource consumption and pollutant emissions. Simultaneously, they allow the chemical industry, especially in high-wage countries, to maintain its competitiveness. As we see the great potential of bringing research and applications together in order to optimize existing processes or to improve process development strategies, we would be grateful if you would consider publishing in this Special Issue of *ChemEngineering*.

