

# Conference on Digitalisation driven Green, Sustainable and Competitive Process Industries

Scandic Meyergården Hotel, Mo i Rana, May 5th, 2022

Conference Chair: Aleksander Millang, Centre for Industrial Business Development  
at Nord university

| <i>Durationn</i>             | <i>Content</i>   | <i>Presenters</i>  |
|------------------------------|--|--|
| <b>09:00</b>                 | <b>Welcome and introduction</b>  | <b>Monica Paulsen, ACT and Frode Brakstad, DigiPro</b>                                 |
| <b>09:15</b>                 | <b>The Future of the Process Industry</b>  | <b>Håvard Moe, Elkem and Process21</b>   |
| <b>10:00</b>                 | <b>AI for Circular Economy</b>   | <b>Ron Weerdmeester, PNO</b>   |
| <b>10:30</b>                 | <b>AI-powered Steel production</b>   | <b>Ulrike Faltings, Saarstahl AG</b>   |
| <b>11:00 – 11:20 Coffee</b>  |  |  |
| <b>11:20</b>                 | <b>Processes4Planets</b>   | <b>Duncan Akporiaye, SINTEF</b>  |
| <b>11:40</b>                 | <b>ACT and Process+<br/>Sustainability through Collaboration,<br/>Innovation, and Internationalization</b> | <b>Monica Paulsen and Karin<br/>Kristensen, ACT<br/>Katrine Vinnes, Norsk Industri</b> |
| <b>12:00</b>                 | <b>Digitalisation Driven Business Models</b>   | <b>Espen Davidsen, Intelec</b>   |
| <b>12:20 - 13:20 Lunch</b>   |  |  |
| <b>13:20</b>                 | <b>COGNITWIN intro<br/>(Industrial relevance)</b>  | <b>Akhilesh K. Srivastava, SINTEF</b>  |
| <b>13:40</b>                 | <b>Sensors for Process Industries</b>  | <b>Anders Hansen, SINTEF</b>   |
| <b>14:00</b>                 | <b>Model-based Real-time Control<br/>Applications for Process Metallurgy</b>                               | <b>Kasper J. Linnestad, Cybernetica</b>  |
| <b>14:20</b>                 | <b>Industrie 4.0-compliant Digital Twins</b>   | <b>Ljiljana Stojanovic, Fraunhofer IOSB</b>  |
| <b>14:40</b>                 | <b>AI for Process Industries -<br/>COGNITWIN example</b>   | <b>Perin Unal, Technopar</b>   |
| <b>15:00 Closing remarks</b> |  |  |

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