# MODELING, IDENTIFICATION AND CONTROL

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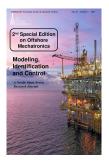
### Publication Schedule and Subscription Information

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# EDITORIAL



In April 2016 a special edition of MIC was published with the title 'Special Edition on Offshore Mechatronics'. The edition contained 6 papers summarising selected results from the research centre SFI Offshore Mechatronics in combination with the centre's annual conference. MIC encourages research projects to use the MIC journal as a publication channel. MIC is an Open Access journal and also the only technical-scientific journal in Norway. The alternative for large Norwegian research projects would be to spread out the publications in several different foreign journals and conferences, making it more difficult for someone who is interested to collect and study the results from a larger project. Large research centres such as the SFI, SFF and FME schemes in Norway are particularly encouraged to use MIC to disseminate results.



The research centre SFI Offshore Mechatronics was officially started on April 1, 2015. Every year until 2023 this SFI will organise an annual conference, and the ambition is to publish and present yearly results in a special edition of MIC in connection with this conference. In addition to the centre's own results, related research from outside the centre will be invited to contribute. Vol 38, No. 2 is the second special edition on 'Offshore Mechatronics'. The first paper in this edition is titled 'Sensitivity Analysis on the Reliability of an Offshore Winch Regarding Selected Gearbox Parameters' written by RWTH Aachen and is the result of work in WP5 Monitoring Techniques. The second paper is titled 'Feasibility Study of Electromechanical Cylinder Drivetrain for Offshore Mechatronic Systems' written by the University of Agder and Aalborg University and is the result of work in WP1 Drives.

The third paper is titled 'Relative Vessel Motion Tracking using Sensor Fusion, Aruco Markers, and MRU Sensors' written by the University of Agder and is the result of work in WP2 Motion Compensation. The fourth paper is titled 'Tuning PD and PID Controllers for Double Integrating Plus Time Delay Systems' and is written by the University College of Southeast Norway and is an invited paper from outside the centre.

The MIC special edition on Offshore Mechatronics will be printed and handed out at the annual conference taking place on May 9-10, 2017 at UiA, Campus Grimstad.

Geir Hovland April, 2017 Editor