



EVENT REPORT TEMPLATE (Annex H to Quality Control and Monitoring Manual)

This template has to be filled by project partners (organisers) for all IF4TM events (except SC meetings). Furthermore, this template can be used to inform colleagues and partners about other events attended (promoting IF4TM). In the second case please just fill in the first page and delete the chapters thereafter.

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|--|------------------------------------|
| Author: | Prof. Dr. Vesna Mandic |
| Event Title: | Visit to the University of Maribor |
| Event Date: | 17-18 January 2019 |
| Event Venue: | University of Maribor |
| Type of event: (National, international, press conference, promotional event etc.) | Study visit |
| Short description: | |
| <p>As part of the internal monitoring of the project (act6.3) and realization of the PoC project TorgSens (act3.5 and act3.6), representatives of the University of Kragujevac visited the University of Maribor on January 17 and 18, 2019. On that occasion, meetings were held with the members of the project team from Maribor related to the implemented project activities, applied quality control and procedures for technical and financial management. Also, aspects relating to the implementation of the PoC program, ie support to teams from Serbia in implementing projects in terms of consulting support, prototype validation, development of the commercialization strategy, etc., are also considered.</p> <p>Members of PoC project TorqSens two laboratories during this visit, Laboratory of Electrical Machines (LEM) and Laboratory of Applied Electromagnetics (LAE). First day of visit was devoted to the testing of torque sensor prototype in LEM. It was discussed how it should be mounted to the existing equipment, what would be testing conditions and which results should be obtained from testing. The aim of this activity is to obtain valid results from a high-fidelity laboratory in order to confirm the results of initial testing performed in our laboratory at the Faculty of Technical Sciences in Čačak.</p> <p>Second day of visit was devoted to the validation of torque sensor prototype through finite element analysis (FEA) of its 3D CAD/CAM model. Activities were performed in the LEA, where it was discussed firstly how to perform testing of steel shaft of the sensor and how to obtain its actual magnetic characteristics under applied torsional stress, as well as how to use such characteristic in FEA software and which result to obtain from simulations. The final aim of this activity is optimization of the sensor's design through extensive simulations in order to obtain better sensitivity and to obtain better metrological performance.</p> | |
| Organiser(s): | |
| Agenda: | |
| Total number of participants: | 8 |
| Links to further information: | |
| Other personal remarks: | |
| | |



Agenda

AGENDA

| Thursday, 17 January 2019 <i>Visit to University of Maribor within IF4TM project</i> <i>Faculty of Mechanical Engineering, Smetanova ulica 17, Room B 202</i> | | |
|--|--|---|
| 09:30 – 10:00 | Registration of participants | |
| 10:00 – 10:45 | Presentation of Act3.5 status and PoC projects implementation | <i>Prof. dr Vesna Mandic</i> <i>University of Kragujevac</i> |
| 10:45 – 11:30 | Presentation of UM support for PoC projects | <i>Prof. Dr. Marjan Leber</i> <i>University of Maribor</i> |
| 11:30 – 12:00 | Coffee break | |
| 12:00 – 12:45 | Presentation of Act3.6 - commercialisation strategy for selected PoC projects | <i>Prof. dr Vesna Mandic</i> <i>University of Kragujevac</i> |
| 12:45 – 13:30 | Presentation of UM support in developing commercialisation strategy | <i>Prof. Dr. Marjan Leber</i> <i>University of Maribor</i> |
| 13:30 – 14:30 | Lunch break | |
| 14:30 – 16:00 | PoC project - Torque Sensor based on Magnetomechanical Effect in Commercial Steel - TorqSens | <i>Laboratory for electrical machines</i> |
| | PoC project - TorqSens | <i>Laboratory for applied electromagnetics</i> |
| 16:00 – 16:30 | Discussion and conclusion | <i>All</i> |



| Friday, 18 January 2019 <i>Visit to University of Maribor within IF4TM project</i> <i>Faculty of Mechanical Engineering, Smetanova ulica 17, Room B 202</i> | | |
|--|--|---|
| 09:30 – 10:00 | Registration of participants | |
| 10:00 – 11:30 | Monitoring of UM institutional activities in IF4TM project | <i>Prof. dr Vesna Mandic</i> <i>University of Kragujevac</i> <i>All</i> |
| | PoC project - TorqSens | <i>Laboratory for electrical machines</i> |
| 11:30 – 12:00 | Coffee break | |
| 12:00 – 13:30 | Monitoring of UM financial rules and supporting documents | <i>Prof. dr Vesna Mandic</i> <i>University of Kragujevac</i> <i>All</i> |
| | PoC project - TorqSens | <i>Laboratory for applied electromagnetics</i> |
| 13:30 – 14:30 | Lunch break | |
| 14:30 – 16:00 | Reporting and financial issues | <i>All</i> |
| | PoC project - TorqSens | <i>Laboratory for electrical machines</i> |
| | PoC project - TorqSens | <i>Laboratory for applied electromagnetics</i> |
| 16:00 – 16:30 | Discussion and conclusion | |



List of participants



Attendance List

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| Event: | Visit to the University of Maribor |
| Venue: | University of Maribor, Slovenia |
| Date: | 17/01/2019 |
| Organisers: | University of Maribor |

| | Name | Organisation | Signature |
|----|------------------|--------------|---------------|
| 1 | VESNA MANDIC | UKG | Milica Mandic |
| 2 | MARCO ŠTIGLIČ | UKG - FTN | Milica Mandic |
| 3 | MARTIN LEŠER | UKG | Milica Mandic |
| 4 | MILAZLA TATONČ | UKG - FTN | Milica Mandic |
| 5 | BRANKO KOPRIVICA | UKG - FTN | Milica Mandic |
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Attendance List

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| Event: | Visit to the University of Maribor |
| Venue: | University of Maribor, Slovenia |
| Date: | 18/01/2019 |
| Organisers: | University of Maribor |

| | Name | Organisation | Signature |
|----|------------------|--------------|--------------------|
| 1 | | | |
| 2 | Vesna Naudic | UKG | <i>[Signature]</i> |
| 3 | Mihailo Taleric | UKG - FTN | <i>[Signature]</i> |
| 4 | Marko Suvorovic | UKG - FTN | <i>[Signature]</i> |
| 5 | Marjan Leder | UM | <i>[Signature]</i> |
| 6 | BRANKO KOPRIVICA | UKG - FTN | <i>[Signature]</i> |
| 7 | ETIENNE PALCIC | UM | <i>[Signature]</i> |
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Photos





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