# ETF IWT 2018 Seminar St Petersburg Programme

## Automation in European Inland Waterways

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<th>Time</th>
<th>Tuesday 4 September 2018</th>
<th>Wednesday 5 September 2018</th>
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<tr>
<td>09.00-09.30h</td>
<td>Registration &amp; coffee</td>
<td>09.00h</td>
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| 09.30-11.00h | Welcome by Joris Kerkhofs, ETF IWT Section President  
Welcome by Yury Sukhorukov, President Seafarers’ Union of Russia  
Welcome by Local officials of the Russian Federation (tbc)  
Nick Bramley, ITF Section President, on the ITF process of change  
Introduction by Myriam Chaffart, ETF IWT Political Secretary | 09.30-11.00h | Technical options for automation in Inland Waterways and role of the human factor – the need for a definition of levels of automation  
Benjamin Boyer, Administrator vessel technical requirements, Central Commission for the Navigation on the Rhine, CCNR  
Questions & Answers |
| 11.00-11.30h | Coffee break | 11.00-11.30h | Coffee break |
| 11.30-13.00h | Automation and Inland Waterways, present and future  
Drs. Edwin Verberght, University of Antwerp, Department of Transport & Regional Economics  
Questions & Answers | 13.00-14.30h | Lunch break |
| 13.00-14.30h | Lunch break | 14.30-16.00h | The ETF Policy direction on automation in inland waterways:  
- What are the future jobs – shift from ship to shore?  
- What qualifications are needed?  
- Effects on responsibilities on board?  
- Legal consequences in case of an accident?  
- Consequences on employment and safety?  
- Similarities with other sectors  
- Technology in education – e-learning & use of simulators?  
By Joris Kerkhofs, ETF IWT Section President  
Discussion |
| 14.30-16.00h | Smart shipping: Means to an end, or end to a means? By Bart Van Gent, Policy Officer Smart Shipping, Ministry of Infrastructure and Water Management, Directorate for Maritime Affairs Netherlands  
Questions & Answers | 16.00-16.30h | Coffee break |
| 16.00-16.30h | Coffee break | 16.00-16.30h | Coffee break |
| 16.30-17.30h | Language working groups on how ETF should address the automation in the Sector: context, possibilities and risks. | 16.30-17.00h | Conclusions |