

Authors Marc Burkhardt	e-mail address of corresponding author
Title of presentation Integration of UX into CENELEC 50128 based processes	Institution Siemens AG
Please highlight workshop topic(s) your paper is relevant for <input type="checkbox"/> Human Factors Integration (e.g., in organizational processes) <input type="checkbox"/> Rules and Standards	
Abstract Most software in railway environment in Europe must follow the measures and process requirements of the CENELEC 50128 norm. Often it is required to obtain approval for the software regarding a defined safety integrity level (SIL). This approach leads to efficient, effective and safe software. But if the software includes a human-machine interface this approach does not automatically include also usability and user experience aspects according to the Iso 9241 norm family. Thus the challenge is to bring both “worlds” together. My presentation will include a deeper look into the challenge and I will provide solution proposal as a basis for a discussion.	