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11:30 Uhr, SR 2**

# **Open Source Machine Translation for the Translation Industry**

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The ModernMT European project aims at making a contribution to the evolution of machine translation. Our goal is to consolidate the current state-of-the-art technology into a single easy-to-use product, evolving it and keeping it open to integrate the next greatest opportunities in machine intelligence, like deep learning.

In my talk, I will introduce and demonstrate the MMT system architecture, whose distinguishing features make it particularly useful to be integrated in an industrial setting, namely its capability to (i) adapt in real time to the content to be translated and (ii) quickly learn from new provided data, such as translation memories or post-edited data. The MMT architecture builds on open source software and comes as a-ready-to-install application, that does not require any initial training phase and that enables scalability of data and users. I will present experimental results comparing MMT against state-of-the-art phrase-based and neural MT, both of research and commercial systems.