

# Plenary Speaker

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Prof. Christopher H. Onder

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## Biography

Christopher H. Onder is professor at the Institute for Dynamic Systems and Control in the Department of Mechanical Engineering and Process Control of ETH Zurich. He heads the Engine Systems Laboratory and holds a diploma and a doctoral degree in Mechanical Engineering from ETH Zurich. He is the author and co-author of numerous articles and a book on modeling and control of engine systems. The list of his awards includes the BMW scientific award, the ETH medal, the Vincent Bendix award, the Crompton Lanchester Medal, and the Arch T. Colwell award. Additionally he received several times the Watt d'Or, the energy efficiency price of the department of energy of Switzerland, for his projects. His research focuses on engine systems modeling, control and optimization with an emphasis on experimental validation and industrial cooperation.