

# Josef Málek

Josef Málek is Professor at the Faculty of Mathematics and Physics, Charles University and serves as the director of the Nečas Center for Mathematical Modelling, which consists of researchers with diverse backgrounds. Together with his colleagues he founded the graduate study program "Mathematical modeling in science and technology" which reflects the emphasizes on interactions between modeling, analysis, scientific computing, and experiments. Málek is highly recognized for his contributions to the analysis of nonlinear partial differential equations in non-Newtonian fluid mechanics and to the development of constitutive theory in fluid and solid mechanics and in the theory of mixtures. In 2012-2017, he led the ERC-CZ project Implicitly constituted materials: Modeling, Analysis and Computing involving, among others, the distinguish researchers Miroslav Bulíček, Eduard Feireisl, Vít Průša, K.R. Rajagopal, Endre Süli and Zdeněk Strakoš as research team members.

