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The Central European Association for Computational Mechanics or **CEACM** counts the following Central European countries (in alphabetical order): Austria, Bosnia and Herzegovina, Croatia, Czech Republic, Hungary, Slovakia and Slovenia. The CEACM was created in 1990s by prominent scientists, Herbert Mang, former President of ECCOMAS and Ivo Babuska, a Gauss-Newton medalist of IACM. The Executive Committee of CEACM consists of the current President, Adnan Ibrahimbegovic, the Vice-President, Janos Logo, and the Past-President, Bernhard Pichler. The CEACM Board also includes: Pavel Polach, Justin, Murin, Joze Korelc, and Zdenko Tonkovic. It is CEACM Board that decides the attribution of CEACM Awards and the list of CEACM sponsored meetings.



Figure 1:
Zdenek BITTNAR
CEACM Prof. Mang Award



Figure 2:
Ivica KOZAR
CEACM Computational
Mechanics Award



Figure 3:
Samir SULJEVIC
CEACM Best Thesis Award

In 2024, The CEACM Board has attributed three CEACM Awards to honor active researchers from CEACM partner countries. In particular, the senior scientists are honored by **CEACM Prof. Mang Award**, the highest honor by CEACM named after its founding father. The CEACM Prof. Mang Award is bestowed each year to honor an outstanding individual who has demonstrated sustained efforts in advancing either theoretical or practical aspects of computational mechanics and who provided strong leadership either in an academic environment or in different industrial applications. In 2024, the CEACM Prof. Mang award is attributed to Emeritus Professor of CTU Prague, **Zdenek BITTNAR** (Figure 1). The established researchers are honored by **CEACM Computational Mechanics Award**. This award recognizes a researcher who made significant contribution either in the traditional disciplines of Computational Mechanics or in related domains. This year, the CEACM Computational Mechanics Award is attributed to **Professor Ivica KOZAR** (Figure 2), University of Rijeka, Croatia. The **CEACM Young Researcher Award** was initiated by CEACM to honor an exceptional contribution of a young scientist, who has completed his/her doctoral studies in the broad domain of Computational Mechanics within the year of the award call. The winner this year is **Samir SULJEVIC** (Figure 3) of University of Sarajevo, Bosnia-Herzegovina. This thesis is also nominated by CEACM for participating in **ECCOMAS competition for Best Thesis Award**. All these CEACM Awards are attributed in the meeting of the CEACM Executive Board that was reunited on March 8, 2024 in online meeting (Figure 4).

The current scientific activities concern a CEACM sponsored scientific conference **S4ML: Synergy between Multiphysics/Multiscale Modeling and Machine Learning**, to be held in Prague, June 19-21, 2024. The main idea of this conference is to examine recent advances from mechanics and applied mathematics in a currently very active research domain of multi-scale modeling and computations in application to solids, fluids, structures, systems and different multi-physics problems. One of the motivations for this workshop is to investigate the complementarity of classical multi-physics/multi-scale approaches and model building approaches based on the use of machine learning algorithms. The knowledge accumulated through the long-term efforts of computational mechanics experts provides an a priori selection of efficient reduced models built with appropriate assumptions and kinematic constraints. Classical structural models are also proving to be very useful for building relevant multi-scale and multi-physics models. In parallel, there are many advances in the use of Artificial Intelligence and statistical data analysis algorithms, or machine learning approach to building models for mechanics. How can such approaches be developed in synergy? Can they benefit from each other's advances? Can model building skills be reduced to the application of artificial intelligence algorithms? It is an explicit goal of this thematic conference, in the true spirit of CEACM, to bring these different communities together, and thus provide a sound basis for a fruitful exchange of ideas among them. The conference seeks also to provide a platform for learning from some of the worlds' leading specialists coming from aerospace, civil and mechanical engineering, material science, and in the design and analysis of numerical algorithms from applied mathematics. For more detail, one can visit the conference website: <https://ceacm.net/s4ml-2024> ●

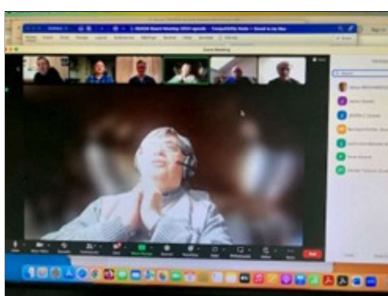


Figure 4:
CEACM Board Online Meeting, March 8, 2024