ICACM 奖项设置

（2011年）

ICACM代表大会奖 1名（争取命名为钱学森奖）是 ICACM颁发的最高奖。 此奖项通常授予在其学术生涯的重要阶段、在计算力学领域长期做出杰出贡献者。此奖项承认数学、数值分析和物理现象的数学模型之间的结合，它们为计算力学的广阔领域奠定了基础。

ICACM奖 2名 授予在计算力学的广阔领域做出一系列突出贡献者。这些贡献一般表现为显著增进对于计算力学理论的理解和对计算力学方法有影响力的重要研究成果，同时在领导和管理、工业应用和工程分析方面推动计算力学发展的重要成绩也是值得奖励的。

ICACM计算力学奖 2名 授予对计算力学的传统领域，例如计算结构力学会计算流体力学做出突出贡献者。同时也奖励在其它相关领域做出的贡献：例如奖励在软件开发、科学计算方面的贡献，在计算电磁学、半导体设备模拟、生物力学、或者其他传统并不涵盖在计算结构力学和计算流体力学之内、但可用于计算力学的贡献。

ICACM优秀青年学者奖 5名 授予40岁及40岁以下取得突出成绩，特别是发表优秀论文者。规定被提名者在颁奖年内不能满41周岁。对于这台北会上首次颁发的情况，就是在2011年12月31日仍是40岁或40岁以下。

ICACM研究员奖 4名 授予在计算力学领域取得突出的研究成果、发表优秀论文并通过参加协会以及它的会议和其它活动对ICACM大力支持的研究者。

ICACM Awards

The ICACM Congress Award is the highest award given by ICACM. It honors individuals who have made outstanding, sustained contributions in the field of computational mechanics generally over periods representing substantial portions of their professional careers. The medal is in recognition of the synergy between mathematics, numerical analysis, and mathematical modeling of physical events that underpin much of the broad field of computational mechanics.

The ICACM Award is given in recognition of outstanding and sustained contributions to the broad field of computational mechanics. These contributions shall generally be in the form of important

research results which significantly advance the understanding of theories and methods impacting computational mechanics, but special individual contributions in leadership and administration, industrial applications, and engineering analysis that advance computational mechanics shall also represent accomplishments worthy of recognition.

The ICACM Computational Mechanics Award will be given for contributions to traditional areas, such as computational structural mechanics and computational fluid dynamics, but may also be given to recognize contributions outside these specific areas. For example, the Award may be given in recognition of accomplishments in software development, scientific computing, research contributions in computational electromagnetic, semi-conductor device simulation, biomechanics or other areas not traditionally embraced by computational structural mechanics and fluid dynamics but which have general applicability to computational mechanics.

The ICACM Young Investigator Award recognizes outstanding accomplishments, particularly outstanding published papers, by researchers 40 or younger. Eligibility requires that the nominee not turn 41 in the year the award is presented. For the Taipei conference, this means to have 40 year or less on December 31, 2011.

The ICACM Fellows Award recognizes individuals with a distinguished record of research, accomplishment and publication in areas of computational mechanics and demonstrated support of the ICACM through membership and participation in the Association, its meetings and activities.