

## ANNOUNCEMENT

## WORLD CONGRESS ON COMPUTATIONAL MECHANICS (WCCM)

The First World Congress on Computational Mechanics of the International Association for Computational Mechanics will be held during 22–26 September 1986, at The University of Texas at Austin in Austin, Texas, U.S.A. The hosts of the Congress are the Texas Institute for Computational Mechanics, The University of Texas at Austin, and the George Washington University, Washington, DC.

Details of the management and organization of the Congress are given below:

## IACM INTERIM MANAGING COMMITTEE

J. H. Argyris, Germany	T. Kawai, Japan
R. H. Gallagher, U.S.A.	J. T. Oden, U.S.A.
H. Liebowitz, U.S.A.	O. C. Zienkiewicz, U.K.
T. J. R. Hughes, U.S.A.	J. Bathe, U.S.A.

## IACM FOUNDING COUNCIL

E. Alarcon, Spain	R. Glowinski, France	E. Pestel, Germany
J. H. Argyris, Germany	I. Herrera, Mexico	T. H. H. Pian, U.S.A.
J. L. Armand, France	T. J. R. Hughes, U.S.A.	K. S. Pister, U.S.A.
S. N. Atluri, U.S.A.	T. Kawai, Japan	L. X. Qian, China
I. Babuska, U.S.A.	P. Larsson, Norway	A. Samuelsson, Sweden
T. Belytschko, U.S.A.	H. Liebowitz, U.S.A.	E. Stein, Germany
P. G. Bergen, Norway	J. Lions, France	E. Strang, U.S.A.
J. Besseling, Netherlands	G. Maier, Italy	B. Szabo, U.S.A.
Y. K. Cheung, Hong Kong	H. A. Mang, Austria	R. I. Tanner, Australia
M. Crochet, Belgium	A. R. Mitchell, U.K.	R. L. Taylor, U.S.A.
R. Dautray, France	G. Nayak, India	J. Whiteman, U.K.
C. S. Desai, U.S.A.	A. K. Noor, U.S.A.	J. H. Wilkinson, U.K.
J. Donea, Italy	J. T. Oden, U.S.A.	E. L. Wilson, U.S.A.
K. Feng, China	E. R. Arantes e Olivera, Portugal	W. Wunderlich, Germany
S. J. Fenves, U.S.A.	E. Onate, Spain	Y. Yamada, Japan
R. H. Gallagher, U.S.A.		Y. Yamamoto, Japan
		O. C. Zienkiewicz, U.K.

## U.S. ORGANIZING COMMITTEE

Anthony Amos (AFOSR)	Alan Kushner (ONR)
William Ballhaus (NASA Ames Research Center)	Ahmed Noor (George Washington University)
Jagdish Chandra (ARO)	J. Tinsley Oden (University of Texas TICOM)
Richard Gallagher (Worcester Polytechnic Institute)	W. Jefferson Stroud (NASA-Langley)
William W. Hakala (NSF)	Robert Whitehead (ONR)
	James Wilson (AFOSR)

## LOCAL ORGANIZING COMMITTEE

E. B. Becker	G. S. Dulikravich	J. T. Oden
R. Broucke	L. J. Hayes	M. Stern
G. F. Carey	C. P. Johnson	J. Tassoulas
D. R. Kincaid	D. M. Young	

A large number of international societies have indicated their willingness to support the WCCM. The current list is given as follows:

American Institute of Astronautics and Aeronautics	The Institution for Engineers, Australia
AIMETA (Italian Association for Theoretical and Applied Mechanics)	The Institute of Electrical Engineers of Japan
American Academy of Mechanics	The Japan Society for Aeronautical and Space Sciences
American Society of Civil Engineers	The Japan Society of Applied Physics
American Society of Mechanical Engineers	The Japan Society of Mechanical Engineers
Architectural Institute of Japan	Japan Society of Civil Engineers
Atomic Energy Society of Japan	The Japan Society of Precision Engineering
China Civil Engineering Society	The Japanese Society of Soil Mechanics and Foundation Engineering
The Chinese Association of Theoretical and Applied Mechanics	Mathematical Society of Japan
Chinese Mechanical Engineering Society	Royal Institution of Naval Architects
The Chinese Society of Aeronautics and Astronautics	Royal Swedish Academy of Sciences
East China Association for Solid Mechanics	The Society for Aeronautical and Space Sciences
GAMNI SMAI (Groupe pour l'Avancement des Methodes Numeriques de l'Ingenieur Societe des Mathematiques Appliquees et Industrielles)	Society of Engineering Science, Inc.
Gesellschaft fur Angewandte Mathematik und Mechanik, West Germany (GAMM)	The Society of Instrument and Control Engineers, Japan
The Hong Kong Institution of Engineers	The Society of Materials Science
	The Society of Naval Architects of Japan
	UNESCO (United Nations Educational, Scientific and Cultural Organization)

The five-day meeting will be scheduled around 28 symposium and special sessions, which shall include invited and contributed papers, and additional sessions of contributed papers. Topics are as follows:

Advances in Adaptive Methods in Computational Mechanics  
 Advances in Boundary Element Methods  
 Advances in CAD/CAM  
 Advances in Computational Fluid Dynamics I  
 Advances in Computational Fluid Mechanics II  
 Advances in Computational Methods for Combustion Phenomena  
 Advances in Computational Methods in Compressible Flow  
 Advances in Computational Methods in Nonlinear Solid Mechanics  
 Advances in Element Methods for Hyperbolic Problems  
 Advances in Mesh Generation and Rezoning  
 Advances in Microcomputing in Computational Mechanics  
 Artificial Intelligence and Expert Systems in Computational Mechanics  
 Bifurcation Problems in Science and Engineering  
 Computational Advances in Oil Reservoir Simulation and Energy Related Applications  
 Computational Methods for Eigenvalue Problems  
 Computational Methods in Earth Sciences and Geotechnical Engineering  
 Computational Methods in Non-Newtonian Flows  
 Computational Methods in the Mechanics of Fracture, Structural Integrity and Damage Mechanics  
 Computational Methods in Turbulence Modelling  
 Computational Penetration and Impact Mechanics  
 Computational Plasticity  
 Impact of Hardware on Computational Mechanics  
 Inverse Problems and Optimization  
 Modern Methods in Plate and Shell Analysis  
 Multigrid Methods  
 Probabilistic Finite Element Methods  
 Singular Problems  
 Spectral Methods

Further information may be obtained from WCCM/TICOM, The University of Texas at Austin, Austin, Texas 78712, U.S.A.