

A Special Symposium

In the Honor David M. R. Taplin

for Six Decades of Dedicated Service to ICF

Rhodes, Greece, ICF14

June 18-22, 2017



The Organizing Committee of the Fourteenth International Conference on Fracture (ICF14) is pleased to announce a special one-day symposium to honor the contributions of D.M.R. Taplin over a period of six decades (1969 – 2017) in several leadership positions. Professor Taplin first became involved in ICF as a Founding Council member for Canada and participant (1969, ICF2), then became a Director (1973-1977), Vice President (1977-1981), President (1981-1985) and Treasurer and CEO of ICF (1985-2017). He also served as the Executive Chair of ICF4 in Waterloo, Canada in 1977. He is stepping down from his leadership position at ICF14 after six decades of service in various leadership positions in the International Congress of Fracture. He was awarded the title of ICF Fellow in 1977 and he was the first recipient of the Takeo Yokobori ICF Gold Medal at ICF12 (2009) in Ontario, Canada. In Sendai in 2010 he was awarded the title of “President Emeritus”.

Dr. Taplin’s first research on intergranular fracture was in 1959 at ICI Research Laboratories and later at Birmingham College of Technology (Aston University) as a DipTech Project. His work continued at Oxford under the supervision of John Martin on nuclear materials, and thereafter on nickel-base super-alloys, advanced ceramics and ultra-light materials in various universities ever since.

In 1965 during ICF1, Dr. Taplin worked on the electron microscopy of creep fracture with a group of Australian metallurgy students but two other members of the Department, Ken Snowden and Ross Miller, were ahead of Dr. Taplin in the queue for travel funds and they did attend ICF1 - but thereon he has participated actively in every ICF since.

There are two key features of Dr. Taplin's career as a metallurgist begun as a Student Apprentice in 1957 in which he takes special pride: firstly, he derived great fulfillment in teaching imaginative young people in universities – he comes from generations of teachers in Derbyshire; secondly, he has enjoyed amazingly warm and sustaining friendships around the world through ICF.

Friends and colleagues of David Taplin and all members of the international scientific community in the field are invited to submit abstracts of 200 words or less for consideration for oral presentation at the symposium. The symposium will consist of Plenary Lectures, Keynote presentations and contributed papers. Selected papers presented in the symposium will be invited for publication in a peer reviewed international journal. All ICF14 participants are invited to have their papers considered for inclusion as part of the Symposium proceedings by checking the appropriate box on the paper submission website. The papers in the following research areas will be given preference for inclusion in the Symposium proceedings which represent David Taplin's areas of research interests:

- High temperature structural metals and ceramics
- Intergranular fracture
- Creep and creep-fatigue interactions
- Deformation and ductile fracture in metals

Abstracts should be submitted on line on the ICF14 website <http://icf14.org> by the due date for abstracts for the conference. All inquiries regarding the Symposium may be directed to the Symposium Chair:

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