

深切缅怀Manfred Held博士



Manfred Held 博士 (1933.9.28—2011.2.8)

国际知名爆轰学专家、《含能材料》外籍编委曼弗雷德·赫尔德 (Manfred Held) 博士因心脏病突发，于2011年2月8日去世。

Manfred Held博士1933年9月28日生于德国累根斯堡，1959年在慕尼黑理工大学获得理学博士学位，1991年获慕尼黑军事大学教授职衔。Manfred Held博士是爆炸科学与试验技术、战斗部理论设计、弹道测量等方面的国际学术权威，而爆炸反应装甲、碎裂装甲的发明和 u^2d 准则的提出使得他在国际爆炸科学共同体中享有盛名。

Manfred Held博士是中国人民的老朋友。20世纪80年代中期，Manfred Held博士开始与中国同行的学术交流。他先后参加了在中国举行的多个国际学术会议，并在中国工程物理研究院等国内多个研究机构进行了专题学术讲座，为中欧之间在爆炸科学与技术方面的学术交流做出了重要贡献。Manfred Held博士多次访问中国工程物理研究院，他与《含能材料》已故前任主编董海山院士之间有多年的学术交往，两人之间建立了长久的深厚友谊。2000年，在董海山院士的引荐之下，Manfred Held博士欣然应允，担任《含能材料》的外籍编委，他在《含能材料》发表了爆轰拐角效应等方面的学术论文。为了纪念他的学术贡献，中国工程物理研究院组织编译了三卷本的Manfred Held博士著作译文集，《含能材料》编辑部负责了第三卷的编辑出版工作，2005年《含能材料》编辑部又选编了其个人英文学术论文文集，2008年《含能材料》杂志刊载了纪念其75岁生日的纪念文章。

我们将铭记Manfred Held为中欧学术交流以及为《含能材料》刊物发展所做的贡献！



Prof. Dr. Manfred Held has earned a distinguished reputation in the field of terminal ballistics and diagnostic techniques, as ultra high-speed photography, flash X-rays, development and use of sophisticated streak techniques, and for the analysis. He is an international recognized authority on dynamic response of materials, advanced armor, and anti-armor. Prof. Dr. Manfred Held has also been responsible for directing many warhead systems in research and development and systems analysis efforts, including target vulnerabilities and weapon damage mechanisms.

He has published numerous technical reports and more than 450 articles in scientific journals and symposium proceedings. Holding over 130 patents, Prof. Dr. Manfred Held is credited with numerous inventions including bulging armor and explosive reactive armor. He has also directed programs and managed concepts in and tests of ammunitions, dispenser sub-munitions, tank defense systems, and anti-air warheads and dual staged warhead systems.

Prof. Dr. Manfred Held received his Ph.D. in 1959 from the Technical University Munich and was awarded Professor in 1991 from the Military University Munich for his lecturing on terminal ballistics. Retired now, Prof. Dr. Manfred Held consults in Germany for his company and still conducts research programs with great pleasure and success.

