



## **BICTAM Mini-Course on the Principles of Plasma Discharges (“等离子体放电原理”讲座) 通知**

借第 9 届亚太等离子体科学与技术国际会议暨第 21 届等离子体材料科学研讨会 (APCPST & SPSM) 召开之际, 北京国际力学中心 (BICTAM) 邀请到美国加州大学伯克利分校教授 Michael A. Lieberman 来京开设 Mini-Course, 课程内容如下:

- (1) Introduction to Plasma Discharges and Processing
- (2) Summary of Plasma Fundamentals
- (3) Summary of Discharge Fundamentals
- (4) Analysis of Discharge Equilibrium
- (5) Inductive RF Discharges

报告时间: 2008 年 10 月 16 日上午 9: 00, 17 日上午 9: 00

报告地点: 北京国际力学中心教室 (中国科学院力学研究所主楼 334 房间)

课程对外开放, 名额有限, 欢迎感兴趣的老师、同学报名参加! 报名者请将本人“姓名、学校、联系方式 (电话、Email) 发送至 [liuyang@cstam.org.cn](mailto:liuyang@cstam.org.cn).

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报名截止日期: 2008 年 10 月 13 日

报告人简介:

Professor Michael A. Lieberman received his B.S. and M.S. degrees from the Massachusetts Institute of Technology in 1962 and his Ph.D. degree from Massachusetts Institute of Technology in 1966. He joined the Department of Electrical Engineering and Computer Sciences (EECS) at Berkeley in 1966. In 1971, he received the Distinguished Teaching Award of the Berkeley campus.

He was a Guggenheim Fellow during 1972-3. He is a Fellow of the American Physical Society (APS), the American Association for the Advancement of Science (AAAS), the Institute of Electrical and Electronic Engineers (IEEE), the American Vacuum Society, and the Institute of Physics (Great Britain). He received the IEEE Plasma Science and Applications Award in 1995, and the Von Engel Prize of the International Union of Pure and Applied Physics in 2005.

Professor Lieberman's research interests are plasma processing of materials, plasma modeling and diagnostics. He has also collaborated with Prof. A.J. Lichtenberg on research in nonlinear dynamics. His monograph, co-authored with A.J. Lichtenberg, *Regular and Stochastic Motion*, was published by Springer-Verlag in 1983. A second edition, *Regular and Chaotic Dynamics*, was published in 1991. His latest book, also co-authored with A.J. Lichtenberg, *Principles of Plasma Discharges and Materials Processing*, was published by John Wiley and Sons in 1994. An expanded second edition was published in 2005.

Professor Michael A. Lieberman' s Home Page:

<http://www.eecs.berkeley.edu/~lieber/>