

凝聚态物理-北京大学论坛

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**Whispering-Gallery Mode Microlasers
From Microdisk to Square Microresonators**

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时间: 11月5日 (星期四) 15:00—16:30

地点: 北京大学物理大楼中212教室

摘要: In the talk, we firstly introduce the applications of whispering-gallery mode microresonators, and then report the output characteristics for microdisk lasers. Finally, we will discuss the merits of square microresonator, and report the progresses on the mode characteristics and dynamical characteristics for the square resonator microlasers.

报告人简介: Professor Huang received the B.S., M.S., and Ph.D. degrees in physics from Peking University, Beijing, China, in 1983, 1986, and 1989, respectively. In 1989, he joined the Institute of Semiconductors, Chinese Academy of Sciences (ISCAS), Beijing. In 1994, he was a visitor with BT Laboratories, Ipswich, U.K., where he was involved in the fabrication of the 1550-nm InGaAsP VCSEL. Since 1997, he has been a Professor with ISCAS, where he is now the Director of the State Key Laboratory on Integrated Optoelectronics. His current research interests are mainly focused on semiconductor microcavity lasers, hybrid III-V/Si semiconductor lasers by wafer bonding, and nonlinear dynamics for microcavity lasers subject to optical injection, etc.

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