

会议报导

布鲁克林现代光学会议

美帝布鲁克林工业大学将于1967年3月22日至24日召开现代光学会议。会议建议制定目前有苗头的现代光学领域的计划。准备研究的最突出的方面有：

- (1) 相干性、衍射和全光照相术。
- (2) 非线性相互作用、广义电动力学和激光器。
- (3) 通讯、信息处理、空间滤波、调制和探测。

会议涉及的范围包括新装置以及与上述领域的进展有关的理论或实验技术。

译自 *Laser Lett.*, 1966, 3, № 10, 6

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- [8] M. J. Stevenson, J. D. Axe, J. R. Lankard, "Line Widths and Pressure Shifts in Mode Structure of Stimulated Emission from GaAs Junctions," *IBM Journal of Research and Development*, Vol. 7, 1963, p. 155.
- [9] I. D. Abella, H. Z. Cummins, "Thermal Tuning of Ruby Optical Maser," *Journal of Applied Physics*, Vol. 32, 1961, p. 1,177.
- [10] J. M. Beeson, J. F. Butler, A. R. Calawa, W. Paul, R. H. Rediker, "Pressure Tuned PbSe Diode Laser," *Applied Physics Letters*, Vol. 7, 1965, p. 206.
- [11] M. A. Habegger, T. J. Harris, E. Max, "Dynamic Laser Wavelength Selection," *IBM Journal of Research and Development*, (to be Published in July).
- [12] B. H. Billings, "A Tunable Narrow-band Optical Filter," *Journal of the Optical Society of America*, Vol. 39, 1949, p. 797.
- [13] N. Braslau, W. A. Hardy, "Growth and Decay of Stimulated Emission in a Gas Laser," *American Physical Society Bulletin*, Vol. 9, 1964, p. 500.
- [14] H. Fleisher, P. Pengelly, J. Reynolds, R. Schools, G. Sincerbox, "An Optically Accessed Memory Using the Lippmann Process for Information Storage," *Optical and Electro-Optical Information Processing*, Chapter I, MIT Press, Boston, 1965.
- [15] W. Kulcke, T. J. Harris, K. Kosanke, E. Max, "A Fast, Digital-Indexed Light Deflector," *IBM Journal of Research and Development*, Vol. 8, 1964, p. 64.
- [16] W. J. Tabor, "The Use of Wollaston Prisms for a High-Capacity Digital Light Deflector," *Bell System Technical Journal*, Vol. 43, 1964, p. 1,153.
- [17] W. Kulcke, K. Kosanke, E. Max, H. Fleisher, T. J. Harris, "High Resolution Digital Light Deflector," *Applied Physics Letters*, Vol. 8, May 15, 1966.

译自 Habegger M. A., Harris T. J.; *Electronics*, 1966, 39, No. 14, 84—91.