第15回

- 講演者： **Karl Dilcher** 氏 (Dalhousie 大学)
  - 題 目 Wieferich primes and Fermat numbers: Computations and generalizations
  - 日 時： 平成 16年 11月 30日(火) 14:40 〜 15:40
  - 場 所： 数学科**セミナー**室 4号館 3階

In this survey of recent computational and theoretical work I will report on the following interrelated topics:

- (1) computational efforts to find new Wieferich and Wilson primes,
- (2) theoretical and computational results on Fermat and Wilson quotients for composite moduli,
- (3) the search for new factors of Fermat numbers, and
- (4) factors of generalized Fermat numbers.

The talk is partly based on various joint work with T. Agoh, R. Brent, R. Crandall, C. van Halewyn, C. Pomerance, and L. Skula.

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