

The 2nd Workshop on Statistical Modeling and Applications

Statistics in Engineering: Reliability & Life Testing

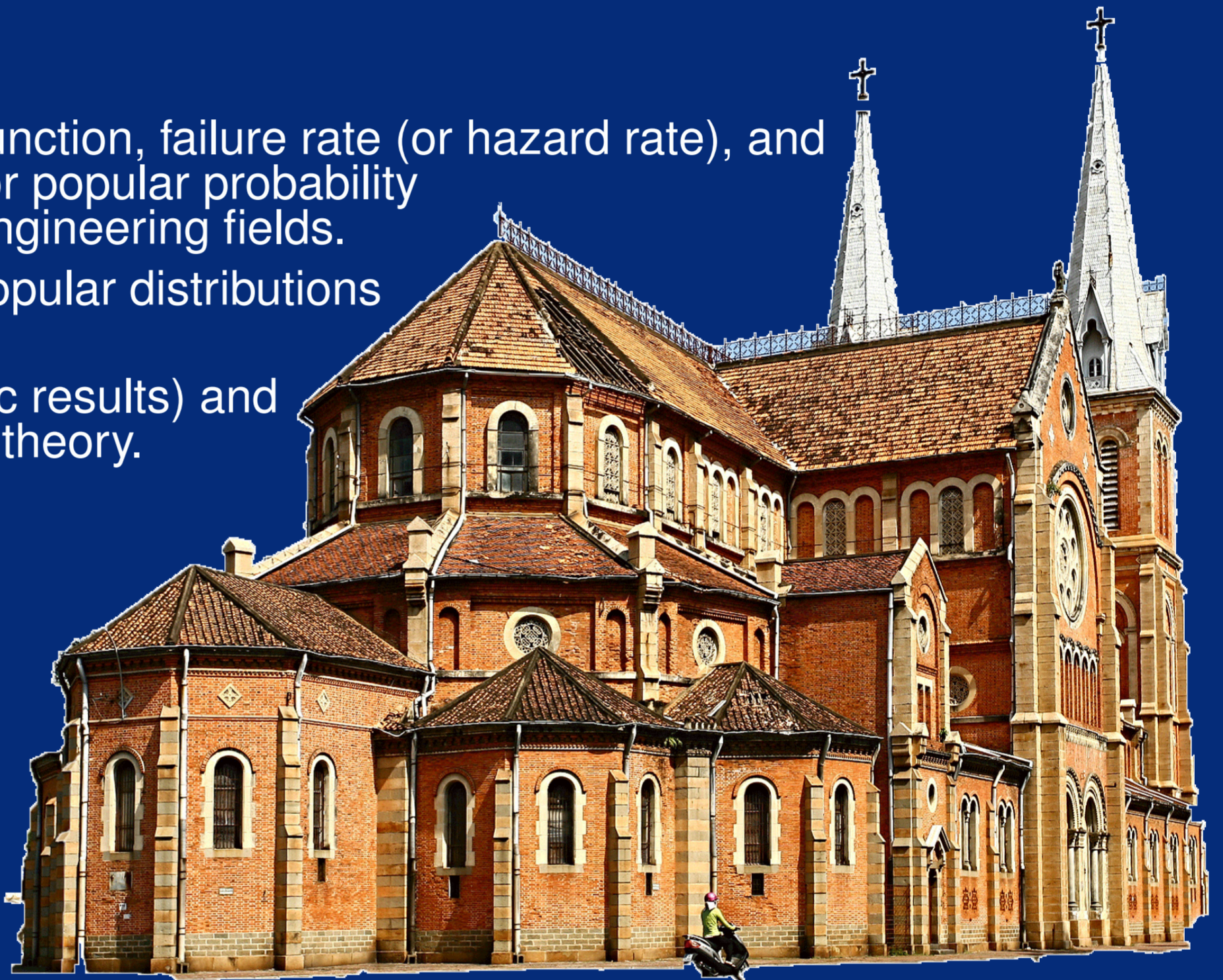
Time : 14:00-17:00, June 13th-17th, 2016 (Monday-Friday)

Place : University of Technology - VNU HCM (268 Ly Thuong Kiet, District. 10)

This is the second event of a five-year program. Participants from all disciplines, especially STEM (Science, Technology, Engineering and Mathematics) areas are strongly encouraged to attend this workshop. Students, researchers, teachers, business administrators and policy planners are expected to benefit immensely from the workshop.

Program

1. Basic concepts of reliability function, failure rate (or hazard rate), and expressions of these terms for popular probability distributions widely used in engineering fields.
2. Fitting life-testing data with popular distributions and checking goodness of fit.
3. Limit theorems (or, asymptotic results) and their applications in reliability theory.
4. Classical estimation of model parameters and reliability functions and simulation
5. Bayesian estimation of model parameters in a decision-theoretic set-up and simulation
6. Application of bootstrap in reliability studies.
7. Open discussion on real data sets



Invited lecturer

Nabendu Pal

Professor, University of Louisiana
at Lafayette

Ph.D. Statistics, Univ. of Maryland



Research interests:

- Decision Theory, Bayesian Analysis
- Reliability & Life Testing
- Biostatistics

Organizers

Assoc. Prof. Nguyen Dinh Thuc

University of Science - VNU HCM

Assoc. Prof. Tran Dan Thu

University of Science - VNU HCM

Dr. Nguyen Van Minh Man

University of Technology - VNU HCM

Dr. Nguyen Tien Dung

University of Technology - VNU HCM

Registration (Please register as soon as possible. First come, first served basis)

Online registration: <http://goo.gl/forms/tLj2maSQ590EINOq2> Registration fee (upon arrival): 300000 VND.

For more
information

Visit
Contact

<http://www.fas.hcmut.edu.vn/home/index.php/vi/sma0616.html>

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