

SPRING SCHOOL FORMAL METHODS IN SOFTWARE ENGINEERING

Ho Chi Minh City, March 12-19, 2013

School Committee:

Prof. Vu DucThi.
Assoc. Prof. Nguyen Xuan Man
Prof. Blanqui Frederic

Arrangement Committee:

Dao Van Tuyet
Ly Kim Quyen

Secretaries:

Pham Thanh Phu
Le Minh Kha
Le Thi Thu

Sponsor:

Vietnam Academy of Science and Technology (VAST).
Institute of Applied Mechanics and Informatics (IAMI).
Institute of Information Technology (IOIT).
Inventors For The Digital World - INRIA

Topic:

- INDUCTION, FIRST-ORDER TERMS, UNIVERSAL ALGEBRA, MATCHING AND UNIFICATION
- COMPUTABLE FUNCTIONS, TURING MACHINES AND COMPLEXITY CLASSES
- LAMBDA-TERMS, LAMBDA-CALCULUS AND COMPUTABILITY
- SIMPLY TYPED LAMBDA-CALCULUS, TYPE CHECKING AND TYPE INFERENCE
- FIRST-ORDER LOGIC, NATURAL DEDUCTION AND CURRY-HOWARD ISOMORPHISM
- OPERATIONAL SEMANTICS OF PROGRAMMING LANGUAGES

