

International School-Seminar ACTUAL PROBLEMS OF MICROWORLD PHYSICS

July 15-26, 2009 Gomel, Belarus



STATUS AND RECENT RESULTS FROM
HERA, TEVATRON AND OTHER
ACCELERATORS

LHC PROGRAMME: ATLAS, CMS AND
OTHERS

PHYSICS WITH FUTURE LINEAR
COLLIDERS

NON-ACCELERATOR PHYSICS

PHYSICS "IN" AND "BEYOND" THE
STANDARD MODEL

SOFT AND HARD QCD PROCESSES

NEW TRENDS IN QUANTUM FIELD THEORY

RELATIVISTIC NUCLEAR PHYSICS

NEW TRENDS IN NANOTECHNOLOGIES AND NEW MATERIALS,
INFORMATION TECHNOLOGIES AND QUANTUM COMPUTING

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