



## Numerical Methods for Partial Differential Equations

Lecturer: Michał Rewieński (GUT); 15 h

Course description: This course focuses on modern numerical techniques for linear and nonlinear elliptic, parabolic and hyperbolic partial differential equations (PDEs), and integral equations fundamental to a large variety of applications in science and engineering. Topics include: formulations of problems in terms of initial and boundary value problems; finite difference and finite element discretizations; boundary element approach; fast solution methods for partial differential and integral equations, including Krylov subspace and multipole methods.

TERMINY WYKŁADÓW			
10.01.2011	Poniedziałek	9-11	NE 209
12.01.2011	Środa	8-10	NE 209
17.01.2011	Poniedziałek	9-11	NE 209
19.01.2011	Środa	8-10	NE 209
24.01.2011	Poniedziałek	9-11	NE 209
26.01.2011	Środa	8-10	NE 209
31.01.2011	Poniedziałek	9-11	NE 209
02.02.2011	Środa	8-9	NE 209