



## ACADEMIC YEAR 2012/2013

### FALL SEMESTER

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23. November Jussi Behrndt (University of Graz)  
"Titchmarsh-Weyl theory for elliptic differential operators"
19. November Miklós Rontó (University of Miskolc)  
"Numerical-analytic technique and parametrization for some nonlinear boundary value problems with inconvenient restrictions"
12. November Tamás Horváth (Eötvös Loránd University)  
"Why do (not) use discontinuous finite element methods?"
5. November Csaba Varga (Babes-Bolyai University)  
"Existence theorems for quasilinear elliptic eigenvalue problems in unbounded domains"
4. November Tamás Titkos (Eötvös Loránd University)  
„A klasszikus Lebesgue felbontástétel előzményei és általánosításai I.”
15. October Zsolt Szűcs (Eötvös Loránd University)  
"Uniqueness of Lebesgue decomposition for positive functionals"
8. October Tamás Titkos (Eötvös Loránd University)  
"Infimum of forms"
1. October Tamás Titkos (Eötvös Loránd University)  
"Decomposition of forms - the regular part"
24. September Péter Simon (Eötvös Loránd University)  
"Approximative differential equations of network processes"
17. September Ádám Besenyei (Eötvös Loránd University)  
"The history of the Lagrange mean value theorem"



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### SPRING SEMESTER

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6. May           András Szabó-Solticzky (Eötvös Loránd University)  
"Epidemics on modified circles and analysis of financial networks"
29. April       Zsigmond Tarcsay (Eötvös Loránd University)  
"Lebesgue decomposition vs. Riesz-orthogonal decomposition"
22. April       Zoltán Horváth (Széchenyi István University)  
"Qualitative properties of the numerical solution of time dependent problems"
25. March       Petra Csomós (MTA-ELTE NUMNET)  
"Exponential integrators for shallow water equations"
18. March       Béla Szekeres (Eötvös Loránd University)  
"Numerical solution of the fractional order diffusion equation"
11. March       Imre Fekete (Eötvös Loránd University)  
"N-stability and its application to numerically solve reaction-diffusion equations"
2. March        Zoltán Sebestyén (Eötvös Loránd University)  
"On a theorem of E. Nelson"
25. February   Tamás Titkos (Eötvös Loránd University)  
"Lebesgue decomposition - characterization of the regular part"
18. February   Ferenc Izsák (Eötvös Loránd University)  
"Energy norm error estimation for DG type methods - one dimensional problems"