Program for Thursday, September 22

09.00–09.05	**Opening**
	Session 1, Chair: Bernd Hofmann (Chemnitz, Germany)
09.05–09.40	**Markus Hegland** (Canberra, Australia)
	Interpolation inequalities and regularisation theory
09.40–10.15	**Paul E. Sacks** (Ames, Iowa, USA)
	Inverse problems for the wave equation in an annulus
10.15–10.35	**Coffee break**
	Session 2, Chair: Paul E. Sacks (Ames, Iowa, USA)
10.35–11.10	**Christine Böckmann** (Potsdam, Germany)
	Some inverse problems in aerosol physics
11.10–11.45	**Ulrich Tautenhahn** (Zittau, Germany)
	On implicit iteration methods for the stable solution of ill-posed problems
11.45–13.00	**Lunch break**
	Session 3, Chair: Shuai Lu (Shanghai, China)
13.00–13.30	**Jens Flemming** (Chemnitz, Germany)
	Convergence rates for Poisson noise adapted Tikhonov regularization
13.30–14.00	**Frank Werner** (Göttingen, Germany)
	Iteratively regularized Newton methods for general data misfit functionals and applications to Poisson data
14.00–14.25	**Saskia Becker** (Berlin, Germany)
	Structural adaptive smoothing in $\mathbb{R}^3 \rtimes \mathbb{S}^2$ with application to diffusion weighted imaging
14.25–14.45	**Coffee break**
	Session 4, Chair: Ulrich Tautenhahn (Zittau, Germany)
14.45–15.15	**Frank Schöpfer** (Oldenburg, Germany)
	Parameter identification problems in Banach spaces
15.15–15.45	**Torsten Hein** (Berlin, Germany)
	Iterative regularization schemes with general penalty
15.45–16.10	**Jan-Frederik Pietschmann** (Cambridge, Great Britain)
	Identification of non-linearities in transport-diffusion models of crowded motion
16.10–16.35	**Nadja Rückert** (Chemnitz, Germany)
	Regularization parameter choice methods for Poisson noise
16.35–17.00	**Nadja Worliczek** (Braunschweig, Germany)
	Tikhonov regularization with Bregman discrepancy and initial topologies
17.30	**Excursion to castle 'Lichtenwalde' with conference dinner at restaurant 'Vitzthum'**
	departure 17.30 by bus from hotel 'Chemnitzer Hof'

Program for Friday, September 23

The two morning sessions are dedicated to the 60th anniversary of Prof. Ulrich Tautenhahn.

09.00–09.10	**Bernd Hofmann** (Chemnitz, Germany)
	Laudation
	Session 1, Chair: Markus Hegland (Canberra, Australia)
09.10–09.45	**Sergei V. Pereverzyev** (Linz, Austria)
	A meta-learning approach to the regularization – case study: blood glucose prediction
09.45–10.15	**Shuai Lu** (Shanghai, China)
	On the inverse problems for the coupled continuum pipe flow model for flows in karst aquifer
10.15–10.35	**Coffee break**
	Session 2, Chair: Rudolf Gorenflo (Berlin, Germany)
10.35–11.05	**Uno Hämarik** (Tartu, Estonia)
	A family of rules for choice of the regularization parameter in Tikhonov method for ill-posed problems with inexact noise
11.05–11.35	**Teresa Regińska** (Warsaw, Poland)
	A Cauchy problem for the Helmholtz equation on a rectangle
11.35–12.05	**Robert Plato** (Siegen, Germany)
	Some quadrature methods for perturbed weakly singular Volterra integral equations of the first kind
12.05–12.50	**Lunch break**
	Session 3, Chair: Arnd Rösch (Duisburg, Germany)
12.50–13.20	**Masahiro Yamamoto** (Tokyo, Japan)
	Coefficient inverse problem for transport equation
13.20–13.45	**Matthias Gehre** (Bremen, Germany)
	Sparsity constraint in electrical impedance tomography: complete electrode model
13.45–14.10	**Arne Wöstehoff** (Hamburg, Germany)
	Function space parameter estimation convergence in hyperelasticity
14.10–14.35	**Valeriya Naumova** (Linz, Austria)
	Adaptive parameter choice for one-sided finite difference schemes and its application in diabetes technology
14.35–15.00	**Mykhaylo Yudytskiy** (Linz, Austria)
	Wavelet-based methods in atmospheric tomography and adaptive optics
15.00–15.15	**Daniel Gerth** (Chemnitz, Germany)
	On an autoconvolution problem