

DWCAA06: Friday, September 8			
	Plenary Session	Session A	Session B
7.45-8.45	registration		
8.45-9.00	opening		
	Chairman: R. Schaback		
9.00-9.45	C. Brezinski "The professional life of Walter Gautschi"		
9.45-10.30	C. de Boor " GC_n - sets"		
10.30-11.00	coffee break		
11.00-11.35	G.H. Golub "Reconstruction of a Polygon from its Moments"		
		Chairman: L. Bos	Chairman: C. Brezinski
11.40-12.05		J. Prestin "Exponentially localized polynomial frames on the unit interval and the Euclidean sphere"	J.P. Berrut "A formula for the error of finite sinc-interpolation over a fixed finite interval"
12.05-12.30		F. Filbir "Polynomial approximation on the sphere"	A. Cuyt "Rational Approximation Theory and Scientific Computing"
12.30-12.55		M. Goetz "Constructive Extremal Problems related to Inverse Balayage"	J. Van Deun "Exact rational minimax approximation and interpolation with prescribed poles"
12.55-13.20		V. Katkovnik "Multidimensional local polynomial approximations with adaptive order and support"	B. Verdonk "Reliable and multiprecision implementation of a class of special functions"
13.20-15.00	lunch		
	Chairman: C. de Boor		
15.00-15.45	M. Buhmann "Radial basis function interpolation"		
15.45-16.15	coffee break		
16.15-17.00	R. Schaback "Kernel methods"		
18.00	Welcome reception at the Canazei City Hall		

DWCAA06: Saturday, September 9 - morning			
	Plenary Session	Session A	Session B
	Chairman: Y. Xu		
8.45-9.30	B. Bojanov "Interpolation by bivariate polynomials"		
9.30-10.15	L. Bos "Near Optimal Points for Polynomial Interpolation in Several Variables"		
10.15-10.45	coffee break		
10.45-11.20	L.N. Trefethen "Is Gauss quadrature better than Clenshaw-Curtis?"		
		Chairman: G.H. Golub	Chairman: T. Sauer
11.25-11.50		J.A.C. Weideman "Explicit Error Formulas for Interpolatory Quadrature Rules for Rational Integrands"	A. Foi "Adaptive-shape neighborhood orthogonal transforms in image processing"
11.50-12.15		S. Notaris "Error Bounds for Gauss Type Quadrature Formulae of Analytic Function"	M. Fornasier "Fast reconstruction algorithm for sparse multivariate and vector valued data"
12.15-12.40		C.H. Rohwer "The Discrete Pulse Transform"	L. Gemignani "Structured matrix methods for computations with orthogonal matrix functions"
12.40-13.05		D. Laurie "Generation of Radau-Kronrod and Lobatto-Kronrod quadrature formulas"	L. Traversoni "A Physical View on Quaternion Wavelets"
13.05-15.00	lunch		

DWCAA06: Saturday, September 9 - afternoon			
	Plenary Session	Session A	Session B
	Chairman: M. Buhmann		
15.00-15.45	I.H. Sloan "Radial basis functions and polynomials – a hybrid approximation for the sphere"		
15.45-16.30	Y. Xu "A New Reconstruction Algorithm for Radon Data"		
16.30-17.00	coffee break		
		Chairman: B. Bojanov	Chairman: S. Waldron
17.00-17.25		E. Berdysheva "The natural quasi-interpolants of Durrmeyer type operators"	G. Mantica "Polynomial sampling of Fractal Measures and Fourier-Bessel Functions"
17.25-17.50		A. Kroo "On density of homogeneous polynomials on star-like and convex surfaces"	M. Pinar "On differential properties for multivariate orthogonal polynomials"
17.50-18.15		S. Kunis "Interpolation of scattered data on the sphere by localized polynomials"	J. Rodal "The structure relations and difference representations for orthogonal polynomials of hypergeometric type in two discrete variables"
21.00	Wine tasting evening at the coffee breaks room		

Sunday, September 10, 9.00: EXCURSION (meeting point: Hotel Alpe, Alba di Canazei)

DWCAA06: Monday, September 11 - morning			
	Plenary Session	Session A	Session B
	Chairman: I.H. Sloan		
8.45-9.30	A. Iske “Multiscale Flow Simulation by Adaptive Particle Methods”		
9.30-10.15	J. Levesley “Stabilising the Lattice Boltzmann Method using Ehrenfests’ Steps”		
10.15-10.45	coffee break		
		Chairman: H. Wendland	Chairman: D. Laurie
10.45-11.10		S. Hubbert “Thin Plate Spline Interpolation on the Unit Interval”	F. Dell’Accio “New embedded boundary type cubature formulas on the simplex”
11.10-11.35		V. Michel “Optimally Localizing Approximate Identities on the 2-sphere – an Alternative Approach”	J. Keiner “Fast evaluation of quadrature formulae on the sphere”
11.35-12.00		S. Serra-Capizzano “Spectral behavior of compact and Cesaro non-Hermitian perturbations of Hermitian (structured) sequences”	P.C. Leopardi “Monotonicity of Jacobi polynomials and positive quadrature on the sphere”
12.00-12.25		S. Waldron “Multivariate Jacobi polynomials with singular weights and the Bernstein operator”	A. Mazzia “Meshless methods and numerical integration rules with applications to axisymmetric geomechanical problems”
12.25-14.00	lunch		

DWCAA06: Monday, September 11 - afternoon	
14.00-15.00	Poster session
	E. Al-Aidarous "On generalized Lindelof orthogonal polynomials with applications"
	M. Caliari "Bivariate Lagrange interpolation at the Padua points: computational aspects"
	I. Caraus "Approximate solution of singular integro-differential equations in Generalized Holder spaces"
	L. De Biase "A very simple (but very effective) spline approximation of the Priestley Glacier"
	C. Drioli "On the use of Kernel-based methods in physical modeling of sounds"
	G. Jaklic "Three-pencil lattice in a closed form"
	M.R. Russo "An Approach by Vector Extrapolation Methods to the Gummel Map"
	A. Sommariva "Meshfree Cubature by Radial Basis Functions"

DWCAA06: Monday, September 11 - afternoon			
	Plenary Session	Session A	Session B
	Chairman: J. Levesley		
15.00-15.45	G. Fasshauer "On Choosing 'Optimal' Shape Parameters for RBF Approximation"		
15.45-16.30	L. Montefusco "Numerical aspects in surface reconstruction with Radial Basis Functions"		
16.30-17.00	coffee break		
		Chairman: M. Bozzini	Chairman: S. Serra-Capizzano
17.00-17.25		T. Bosner "Non-uniform Tension Splines"	M.R. Capobianco "Some remarks on the numerical computation of integrals on unbounded interval"
17.25-17.50		G. Jaklic "On determining the dimension of the bivariate spline space $S_n^1(D)$ "	T. Hasegawa "A triple-adaptive quadrature method based on the combination of the Ninomiya and the FLR schemes"
17.50-18.15		T. Ueno "New spline basis functions for sampling approximations"	E.A. Karatsuba "On approximation of exponential sums in certain physical problems"
20.30	Social dinner at Hotel Alpe		

DWCAA06: Monday, September 11 - afternoon	
	Special parallel session on "Approximation Methods in Finance"
	Chairman: G. Fasshauer
17.00-17.35	E. Larsson "Improved radial basis function methods for multi-dimensional option pricing"
17.35-18.10	B. Waterhouse "Using lattice rules to solve high-dimensional integration problems from mathematical finance"

DWCAA06: Tuesday, September 12	
Plenary Session - Chairman: A. Iske	
9.00-9.45	M. Bozzini "Polyharmonic B-splines: an approximation method"
9.45-10.30	T. Sauer "Geometric lattices: construction and error"
10.30-11.00	coffee break
11.00-11.45	H. Wendland "Recent Results on Meshless Symmetric Collocation"
11.45-12.00	Greetings