

# General information

## Venue

The conference takes place in Building 6 at the Griebnitzsee Campus of the University of Potsdam (see Figure 1). The station closest to the venue is *Bhf. Griebnitzsee*, which can be reached via S-Bahn (S7 runs every 10 Minutes from Berlin and also from Potsdam Main Station) and some regional trains.

## Lunch

Each participant receives luncheon vouchers as part of the registration package. These vouchers allow you to pick a meal from at least three choices or a salad from the salad bar in the student dining hall called *Mensa*. One drink of your choosing is also included in the daily voucher. Please hand your voucher to the cashier. The *Mensa* is located in the conference building only a few meters away from the lecture hall H05. There will be a vegetarian option.

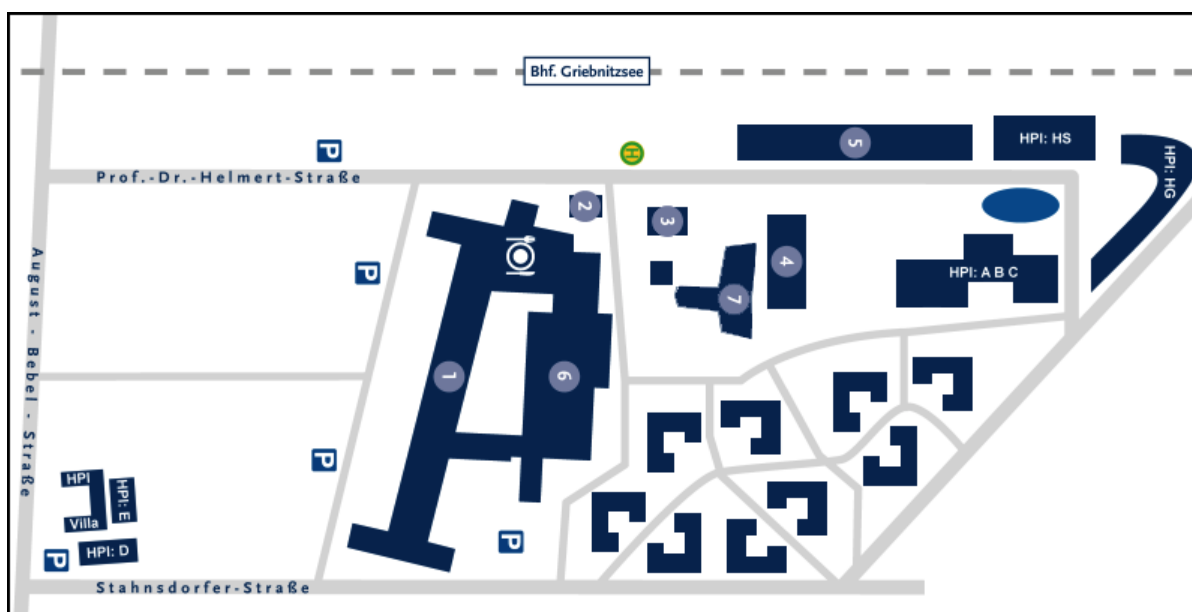


FIGURE 1. The conference takes place in Building 6. The S-Bahn Station *Bhf. Griebnitzsee* is within five minutes walking distance.

## Social events

We have planned an *Icebreaker* right after the Dahlquist prize lecture on Monday evening.

The *conference dinner boat trip* will take place on Wednesday evening. The boat is chartered to leave at 6 PM and to return to the landing stage around 9 PM. The official name of the landing stage is *Lange Brücke* and is within walking distance of the Potsdam main station (see Figure 2). Please make sure you arrive early as the landing stage is a bit tricky to find. Please also don't forget to bring your voucher, which is part of your registration packages.

## Using public transportation

Please note that your *name tag* gives you free access to all means of *public transportation* in Potsdam and Berlin for the period September 14th to 18th. You should carry your name tag with you at all times. (You don't need to display it though.)



FIGURE 2. The red dot marks the landing stage *Lange Brücke* from which the boat will depart. The landing stage is 15 minutes walking distance to the S-Bahn Station *Potsdam Hauptbahnhof*, marked in green on the map. Please plan a bit of extra time as the shortest path is not entirely trivial to find.

Time	Room	Monday 14th of September
08:00	Foyer	Registration
08:45	H05	Opening
09:00	H05	Enrique Zuazua
10:00	Foyer	Coffee break
10:30	S13	MS05A-Multiscale and splitting methods: Theory and Applications Speakers: J. Geiser, F. Casas, S. Engblom, J. R. Schmiegel
	S14	MS09A-Numerical time integration strategies for highly oscillatory systems of hyperbolic PDEs Speakers: P.K. Smolarkiewicz, M. Dumbser, I. Mazzieri, G. Tumolo
	S19	MS14-Numerical methods for gradient flows Speakers: Q. Mérigot, H. Schwetlick, O. Vantzos, M. Iacobelli
	S16	MS26A-Computational and stochastic methods in inverse problems Speakers: L. Petzold, E. Haber, J. de Wiljes, O. Kaiser
	S17	MS28A-Molecular dynamics Speakers: J. Weare, M. Athènes, C. Schütte, C. Kuehn
	S18	MS30-Surface matching for image processing tasks Speakers: T. Batard, M. Bronstein, J.A. Glaunès, B. Schmitzer
	S12	CS02-Splitting methods Speakers: O. Koch, W. Auzinger, T. Kassebacher, A. Ostermann
	S21	CS06-DAEs Speakers: J. Pade, D. Estévez Schwarz, Christoph Zimmer
	S22	CS08-Structure preserving methods I Speakers: A. Natale, M. Kraus, L. Zhang, D. Furihata
	S15	CS17-Krylov subspace methods and exponential integrators Speakers: T. Göckler, P. Kandolf, A. Schädle, D. Hipp
12:30	Mensa	Lunch
14:00	S13	MS05B-Multiscale and splitting methods: Theory and Applications Speakers: J. Geiser, N. Karathanasopoulos, R. McKenzie, A. Q. M. Khaliq
	S14	MS09B-Numerical time integration strategies for highly oscillatory systems of hyperbolic PDEs Speakers: O. Knöth, D. Ruprecht, B. Wingate, M. Baldauf
	S19	MS22-Probabilistic numerical analysis of differential equations Speakers: M. Girolami, K. Zygalakis, P. Hennig, F.-X. Briol
	S16	MS28B-Molecular dynamics Speakers: T. Lelièvre, N. Bou-Rabee, X. Shang, T. Schlick
	S17	MS31-New aspects and applications of structure preserving numerical methods Speakers: A. Ishikawa, A. Hill, D. Michels, G. Bogfjellmo
	S18	MS32-Optimal transport in image and shape analysis Speakers: M. Rumpf, C. Schönlieb, B. Schmitzer, D. Lorenz
	S12	CS07-SDEs Speakers: H. A. de la Cruz, A. Thalhammer, Z. Liu, X. Wang
	S21	CS13-Software and Implementation Speakers: M. Van Daele, T. J. T. Norton, D. Bankmann, L. Einkemmer
	S22	CS15-Numerical methods for PDEs II Speakers: M. Benes, S. Gonzalez-Pinto, H. Hirayama, S. Algarni
	S15	CS19-Monte Carlo methods Speakers: H. Cheng Lie, J. Neumann, T. Badowski, Q. Liu
16:00	Foyer	Coffee break
16:30	H05	Dahlquist prize lecture
18:00	Foyer	Icebreaker

Time	Room	Tuesday 15th of September
09:00	H05	Rupert Klein
10:00	Foyer	Coffee break
10:30	S13	MS10A - Anisotropic mesh adaptation Speakers: T. Apel, J. Wang, F. Dassi, L. Kamenski
	S14	MS21- Data-driven methods for statistical predictability Speakers: G. Gottwald, Z. Y. Wan, J. Harlim, D. Giannakis
	S19	MS24A- Enhanced Sampling Methods Speakers: S. Reich, G. Papoian, M. Fernández-Pendás, T. Schlick
	S16	MS29 - Mathematical models and numerical methods for image processing Speakers: P. Guidotti, E. Cuesta, M. Bertalmío, K. Mikula
	S17	MS33 - Mathematical modelling in pharmacology and drug development Speakers: W. Huisinga, M. Lavielle, S. Röblitz
	S18	MS35A - Numerical multiscale methods for oscillatory problems Speakers: O. Runborg, G. Vilmart, G. Samaey, R. Tsai
	S12	CS03 - Time fractional differential equations Speakers: M. Kandasamy, A. Cardone, P. Wang, H. Zhou
	S21	CS04 - Model reduction Speakers: P. K. Goyal, M. Eigel, P. Marschalik, A. Ben-Tal
	S22	CS09 - Structure preserving methods II Speakers: M. Wandelt, J. Cieśliński, Y. Sun
	S15	CS23 - Molecular dynamics and particle methods Speakers: L. Fath, R. Zhang, Y. He, R. Banisch
12:30	Mensa	Lunch
14:00	S13	MS03A - Geometric numerical integration of PDEs Speakers: A. Sturm, R. Horsin, C. Scheid, F. Gay-Balmaz
	S14	MS16A - Multiscale methods for atmosphere-ocean modeling Speakers: G. Gottwald, S. Dolaptchiev, N. Verheul, J. Frank
	S19	MS23 - Recent advances in inverse problems Speakers: B. Hofmann, R. Ramlau, C. Magherini, G. Settanni
	S16	MS24B - Enhanced Sampling Methods Speakers: T. Lelièvre, A. Berger, T. Radivojevic, M. Girolami
	S18	CS01 - Stiff ODEs Speakers: T. Kouya, A. Ezzeddine, G. Hojjati, A. Abdi
	S12	CS10 Structure preserving methods III Speakers: M. Mikl, P. Krämer, P. Bader
	S17	CS12 - Structure preserving methods V Speakers: J. C. Butcher, Y. Habib, M. A. Qureshi, M. Webb
	S22	CS21- Applications II Speakers: E. Deliktas, E. Kesici, H. N. Rad, Z. Pinar
	S15	CS22 - Applications III Speakers: A. Araújo, P. A. Zegeling, S. A. Hosseini, E. Messina
16:00	Foyer	Coffee break
16:30	H05	New Talent Award

Time	Room	Wednesday 16th of September
09:00	H05	Mari Paz Calvo
10:00	Foyer	Coffee break
10:30	S13	MS02A - Geometric integration of differential equations Speakers: F. Casas, S. Blanes, Elena Celledoni, Brian Moore
	S14	MS04 - Advanced time-stepping methods for wave propagation Speakers: M. Hochbruck, A. Toumi, M. Grote, S. Lanteri
	S19	MS13A - Functional analytic aspects of DAEs Speakers: M. Sauter, S. Zhuk, E. Weinmüller, M. Hanke
	S16	MS16B - Multiscale methods for atmosphere-ocean modeling Speakers: B. Khouider, A. Kalogirou, A. Van Oers
	S17	MS20A - Stochastic partial differential equations: Analytical and numerical aspects Speakers: Guy Vallet, Annika Lang, Aleksandra Zimmermann, Jochen Voss
	S18	MS25A - Advanced multilevel Monte Carlo methods Speakers: Mike Giles, Alvaro Moraes, Pedro Vilanova, Christian Bayer
	S15	MS26B - Computational and stochastic methods in inverse problems Speakers: Uri Ascher, Adrian Sandu, Yuan Cheng, Walter Acevedo
	S21	CS05 - Delay differential equations Speakers: Rossana Vermiglio, Anna-Simone Frank, Phi Ha, Hossein Kheiri
	S22	CS11 - Structure preserving methods IV Speakers: Shun Sato, Takaharu Yaguchi, Volker Grimm, Ashish Bhatt
S12	CS14 - Numerical methods for PDEs I Speakers: Christian Kuehn, Aytakin Cibik	
12:30	Mensa	Lunch
14:00	H05	T. Lelièvre

Time	Room	Thursday 17th of September
09:00	H05	Omar Ghattas
10:00	Foyer	Coffee break
10:30	S13	MS02B - Geometric integration of differential equations Speakers: T. Ringholm, Y. Miyatake, M. Molteni, B. Owren
	S14	MS06A - Modelling, theory and numerical approximation of nonlinear waves Speakers: M. Oliver, D. Mitsotakis, T. Katsaounis, R. Barros
	S19	MS07A - Discontinuous dynamical systems: Theory and numerical methods Speakers: E. Hairer, C. Elia, M. Zennaro, A. Scotti
	S16	MS08A - Frontiers in numerical continuation methods Speakers: W.-J. Beyn, U. Thiele, D. Lloyd, D. Wetzel
	S17	MS12 - Simulation and control of delay differential-algebraic equations Speakers: V. Lunel, N. Guglielmi, S. L. Campbell, M. Burger
	S18	MS13B - Functional analytic aspects of DAEs Speakers: R. März, R. Altmann, C. Huck, G. Kurina
	S12	MS17A - Set-oriented numerics: coherent structures and invariant sets Speakers: S. Klus, P. Koltai, A. Denner, K. Padberg-Gehle
	S21	MS18 - Numerical treatment of stochastic differential equations Speakers: A. Neuenkirch, E. Buckwar, D. Cohen, G. Vilmart
	S22	MS20B - Stochastic partial differential equations: Analytical and numerical aspects Speakers: T. Dunst, E. Issoglio, R. Kruse
	S15	MS25B - Advanced multilevel Monte Carlo methods Speakers: A. L. H. Ali, R. Tempone, H. Hoel, A. Beskos
12:30	Mensa	Lunch
14:00	S13	MS01A - Time integration of partial differential equations Speakers: R. Schnaubelt, T. Jahnke, K. Busch, E. Faou
	S14	MS06B - Modelling, theory and numerical approximation of nonlinear waves Speakers: C. Escalante, D. Dutykh, V. Dougalis, A. Duran
	S19	MS07B - Discontinuous dynamical systems: Theory and numerical methods Speakers: J. Montijano, R. D'Ambrosio, I. Sgura, S. Maset
	S16	MS08B - Frontiers in numerical continuation methods Speakers: Y. Kevrekidis, G. Samaey, J. Sieber, H. Uecker
	S17	MS11A - Simulation and control of constrained dynamical systems Speakers: M. Koebis, A. Steinbrecher, R. Altmann, M. Gerdtz
	S18	MS17B - Set-oriented numerics: coherent structures and invariant sets Speakers: M. Dellnitz, A. Bittracher, J. Rieger, C. Schütte
	S22	MS19A - Numerical methods for stochastic differential equations Speakers: M. Ableidinger, A. Mugler, A. Röbler, C. Schillings
	S15	MS27A - Advances in Bayesian computation for large-scale differential equation models Speakers: M. Girolami, H. Haario, K. Law
	S12	CS16 - Numerical methods for PDEs III Speakers: R. Bürger, A. Zlotnik, S. Barbeiro
	S21	CS24 - Time-stepping methods Speakers: A. S. Eremin, T. Jax, H. Podhaisky, T. Mitsui
16:00	Foyer	Coffee break
16:30	H05	Nicola Guglielmi/Butcher prize

Time	Room	Friday 18th of September
09:00	H05	David Anderson
10:00	Foyer	Coffee break
10:30	S13	MS01B - Time integration of partial differential equations Speakers: M. Tokman, B. Paternoster, B. Kovács, N. H. Risebro
	S14	MS03B - Geometric numerical integration of PDEs Speakers: L. Einkemmer, W. Bao, L. Gauckler, T. Matsuo
	S19	MS10B - Anisotropic mesh adaptation Speakers: S. Dubuis, W. Huang
	S16	MS11B - Simulation and control of constrained dynamical systems Speakers: T. Berger, A. Ilchmann, S. Trenn, R. Pulch
	S17	MS15 - Piecewise smooth dynamic simulations via algorithmic piecewise differentiation Speakers: T. Streubel, R. Hasenfelder, P. Boeck, F. Kerkoff
	S18	MS19B - Numerical methods for stochastic differential equations Speakers: R. Anton, A. Lang, K. Debrabant, A. Kværnø
	S22	MS27B - Advances in Bayesian computation for large-scale differential equation models Speakers: C. Schwab, Y. Marzouk, A. Teckentrup, B. Calderhead
	S15	MS34 - Parametric Model Order Reduction: Challenges and Solutions Speakers: T. Stykel, A. Schmidt, J. Saak
	S12	CS18 - Uncertainty quantification and inverse problems Speakers: H. Hinterleitner, S. Samaras, S. Subbey, R. Gul
12:30	Mensa	CS20 - Applications I Speakers: M. Baumgartner, J.A. Ferreira, F. A. Rihan, I. Ates
		Lunch