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4<sup>th</sup> International Conference  
on  
**VIBRO-IMPACT SYSTEMS**  
**(ICOVIS)**  
and  
**SYSTEMS WITH**  
**CONTACT AND FRICTION**

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July 30 - August 3, 2018  
**Kassel, Germany**

[www.itm.kit.edu/icovis2018](http://www.itm.kit.edu/icovis2018)



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# Time Schedule

	Monday 30.7.18	Tuesday 31.7.18	Wednesday 1.8.18	Thursday 2.8.18	Friday 3.8.18
9.00		<b>Keynote: Shigehiko Kaneko</b> <i>Chair: Prof. Okuma</i>	<b>Keynote: Jörg Wallaschek</b> <i>Chair: Prof. Seemann</i>	<b>Keynote: Oleg Gendelman</b> <i>Chair: Prof. Manevitch</i>	<b>Keynote: Hiroshi Yabuno</b> <i>Chair: Prof. Babitsky</i>
9.30					
10.00		Coffee Break	Coffee Break	Coffee Break	Coffee Break
10.30		<b>Registration</b>	<b>Vibro-Impact and Particles</b> <i>Chair: Prof. Silberschmidt</i>	<b>Ultrasonically Assisted Processes</b>  Chair: Prof. Wallaschek	<b>Resonance and Localization</b> <i>Chair: Prof. Gendelman</i>
11.00					
11.30					
12.00	Lunch		Lunch	Lunch	Lunch
12.30					
13.00					
13.30	<b>Opening Ceremony</b>		<b>Frictional Contacts</b> <i>Chair: Prof. de Payrebrune</i>	<b>Excursion to UNESCO World Heritage Site Bergpark Wilhelmshöhe incl. Water Features</b>	<b>Non-Smooth Problems with Friction</b> <i>Chair: Prof. Starosvetsky</i>
14.00					
14.30					
15.00					
15.30	<b>Opening Lecture</b> <i>Chair: Prof. Fidin</i>				
16.00	Coffee Break	Coffee Break	Packed Snackbox for Bus Tour	Coffee Break	
16.30	<b>Normal Contact and Impact</b> <i>Chair: Prof. Pfeiffer</i>	<b>Dynamical Contacts</b> <i>Chair: Prof. Hoffmann</i>	<b>Sightseeing Bus Tour</b>	<b>Suppression of Vibrations</b> <i>Chair: Prof. Hagedorn</i>	
17.00					
17.30					
18.00					
18.30	<b>Scientific Evening Event</b>		<b>Scientific Evening Event</b>  To the Honor of Prof. V.I.Babitsky		
19.00					

## Presentation Information

We are happy to dedicate 30 minutes to each of your topics divided in approx. 22 minutes of presentation, 5 minutes of discussion and 3 minutes for changing to the next presenter. We kindly ask you to stick to that time schedule. A laptop with PowerPoint 2016 and a PDF reader installed will be provided as well as a presenter with laser pointer. Our staff is happy to help you upload your presentation onto the laptop in the break before the session.

## Monday Afternoon 15.00 – 18.30

Opening Lecture		Chair: Prof. Fidlin
15.00 - 16.00	<b>On Non-Smooth Multibody Systems</b> (BoA p.13) <i>Friedrich Pfeiffer</i>	
16.00 – 16.30 COFFEE BREAK		
Normal Contact and Impact		Chair: Prof. Pfeiffer
16.30 - 17.00	<b>Unilateral Vibro-Impact Systems - Experimental Observations and Theoretical Predictions using the Coefficient of Restitution</b> (BoA p.15) <i>Geraldo Francisco de Souza Rebouças, Jon Juel Thomsen, Ilmar Ferreira Santos</i>	
17.00 - 17.30	<b>Functionally Graded Materials in Biological Systems with Impact Loading</b> (BoA p.17) <i>Emanuel Willert</i>	
17.30 - 18.00	<b>Elastic Multibody Simulations of Gear Drives with Contact using Higher Order Ansatz Functions</b> (BoA p.19) <i>Lorin Kazaz, Pascal Ziegler, Christian Pfister, Peter Eberhard</i>	
18.00 - 18.30	<b>Synthesis of algorithms for optimal digital control of an active vibration protection platform</b> (BoA p.21) <i>Rybak Larisa, Gaponenko Elena</i>	
18.30 SCIENTIFIC EVENING EVENT (RIGHT ACROSS THE HOTEL IN THE HISTORIC GREENHOUSE)		

9.00 - 10.00	<b>Keynote:</b> <b>Dynamic Model for Free Standing Fuel Racks under Seismic Excitation Considering Planar and Non-slide Rocking Motion</b> (BoA p. 3) <i>Shigehiko Kaneko</i> <span style="float: right;"><i>Chair: Prof. Okuma</i></span>
10.00 – 10.30 COFFEE BREAK	
<b>Vibro-Impact and Particles</b> <span style="float: right;"><i>Chair: Prof. Silberschmidt</i></span>	
10.30 - 11.00	<b>Response Regimes and Vibration Mitigation in Equivalent Mechanical Model of Strongly Nonlinear Liquid Sloshing</b> (BoA p.25) <i>Maor Farid, Oleg Gendelman</i>
11.00 - 11.30	<b>Dynamics of string lattices, vibrating near obstacles</b> (BoA p.27) <i>Vladimir Astashev, Vitaly Krupenin</i>
11.30 - 12.00	<b>Autoresonant control of a parametrically excited vibro-impact screen machine</b> (BoA p.29) <i>S. Abolfazl Zahedi, Vladimir Babitsky</i>
12.00 - 12.30	<b>Study on friction and wear in three-body systems with a limited number of abrasive particles</b> (BoA p.31) <i>Kristin M. de Payrebrune, Driss Fares</i>
13.00 – 14.00 LUNCH	

Frictional Contacts		Chair: Prof. de Payrebrune
14.00 - 14.30	<b>Analytical analysis of the bifurcation behavior of creep groan</b> (BoA p.35) <i>Xingwei Zhao, Nils Gräbner, Utz von Wagner; Hartmut Hetzler</i>	
14.30 - 15.00	<b>On the effect of superimposed vibrations on systems with dry friction</b> (BoA p.37) <i>Simon Kapelke, Wolfgang Seemann</i>	
15.00 - 15.30	<b>On the Rectilinear Motion of a Two-body Limbless Crawler along an Inclined Plane</b> (BoA p.39) <i>N. Bolotnik, P. Schorr, I. Zeidis, K. Zimmermann</i>	
15.30 - 16.00	<b>Experimental investigation on friction vibration in toner fixing device</b> (BoA p.41) <i>Yutaka Nakano, Takamasa Hase, Hiroki Takahara, Yuki Matsumura</i>	
16.00 – 16.30 COFFEE BREAK		
Dynamical Contacts		Chair: Prof. Hoffmann
16.30 - 17.00	<b>Interaction between Vibration and Friction</b> (BoA p.43) <i>Tadeusz Majewski, Dariusz Szwedowicz, Maciej Majewski</i>	
17.00 - 17.30	<b>Rotor Vibrations when touching the Fixed and Floating System Elements</b> (BoA p.47) <i>L.Ya. Banakh, L.I. Tyves</i>	
17.30 - 18.00	<b>Periodic Limit Cycle of a Blade Forced against a Rigid Casing of a Turbomachine</b> (BoA p.49) <i>Alessandra Vizzaccaro, Loic Salles, Caetano Peng</i>	

9.00 - 10.00	<b>Keynote:</b> <b>Contact mechanics and friction processes in ultrasonic wire bonding - Basic theories and experimental investigations</b> (BoA p. 5) <i>Jörg Wallaschek</i> <span style="float: right;"><i>Chair: Prof. Seemann</i></span>
10.00 – 10.30 COFFEE BREAK	
Ultrasonically Assisted Processes <span style="float: right;"><i>Chair: Prof. Wallaschek</i></span>	
10.30 - 11.00	<b>Auto-Resonant Excitation of Oscillations in Ultrasonic Technological Systems</b> (BoA p.53) <i>V.K. Astashev, K.A.Pichugin, X.Li, A.Meadows, V.I.Babitsky</i>
11.00 - 11.30	<b>Ultrasonically assisted drilling of fine-grained marble</b> (BoA p.55) <i>N.V. Mikhailova, P.Y. Onawumi, A. Roy, V.V. Silberschmidt</i>
11.30 - 12.00	<b>Ultrasonically assisted drilling of CFRP/Ti stacks</b> (BoA p.57) <i>P. Y Onawumi, A. Roy, V.V Silberschmidt</i>
12.00 - 12.30	<b>Cutting ultra-thin bio-tissue sections in a hybrid microtome</b> (BoA p.59) <i>D. Wang, A Roy, V.V. Silberschmidt</i>
12.30 – 13.30 LUNCH	
13.30 – 16.00 EXCURSION TO UNESCO WORLD HERITAGE SITE <i>BERGPARK WILHELMSHÖHE INCL. WATER FEATURES</i> (BUS PICK-UP IN FRONT OF HOTEL)	
16.30 – 18.30 SIGHTSEEING BUS TOUR (BUS PICK-UP IN FRONT OF HOTEL)	
18.30 SCIENTIFIC EVENING EVENT TO THE HONOR OF PROF. V.I.BABITSKY	

9.00 - 10.00	<b>Keynote:</b> <b>Transient phenomena in vibro-impact and other strongly nonlinear systems</b> (BoA p. 7) <i>O.V. Gendelman</i>	<i>Chair: Prof. Manevitch</i>
10.00 – 10.30 COFFEE BREAK		
Resonance and Localization		<i>Chair: Prof. Gendelman</i>
10.30 - 11.00	<b>Nonstationary resonant dynamics: new results and application</b> (BoA p.63) <i>Leonid I. Manevitch</i>	
11.00 - 11.30	<b>Internal resonances in vibration of microstructured solids: influence of dispersion and dissipation</b> (BoA p.65) <i>Igor V. Andrianov, Bernd Markert, Vladyslav V. Danishevskyy</i>	
11.30 - 12.00	<b>Analysis and control of localized excitations in coupled essentially nonlinear chains</b> (BoA p.67) <i>Kovaleva M., Kislovsky V., Yacobi G., Starosvetsky Y.</i>	
12.00 - 12.30	<b>Analysis of localized excitations of the ‘mass-in-mass’ chain in the state of acoustic vacuum</b> (BoA p.69) <i>Rayzan N., Koroleva I., Kovaleva M., Starosvetsky Y.</i>	
13.00 – 14.00 LUNCH		



## Non-Smooth Problems with Friction

*Chair: Prof. Starosvetsky*

14.00 - 14.30	<b>Localised vibrations in non-smooth systems</b> (BoA p.73) <i>Filipe Fontanela, Aurelien Grolet, Loic Salles, Norbert Hoffmann</i>
14.30 - 15.00	<b>Front propagation and localization phenomena in friction-excited nonlinear oscillators</b> (BoA p.75) <i>Antonio Papangelo, Michele Ciavarella, Norbert Hoffmann</i>
15.00 - 15.30	<b>Stability and Bifurcation under the Influence of Joint Damping</b> (BoA p.77) <i>Hartmut Hetzler</i>

16.00 – 16.30 COFFEE BREAK

## Suppression of Vibration

*Chair: Prof. Hagedorn*

16.30 - 17.00	<b>An Amplitude Adaptive Sequential Friction-Spring Add-On Damper</b> (BoA p.79) <i>J. Aramendiz, A. Fidlin, K. Lei</i>
17.00 - 17.30	<b>On the Numerical Simulations of Amplitude Adaptive Impact-Dampers</b> (BoA p.81) <i>T. Yuzbasioglu, J. Aramendiz, A. Fidlin</i>
17.30 - 18.00	<b>A Note on Switchable Vibration Absorber Concepts based on Magneto- or Electrorheological Fluid Dampers</b> (BoA p.83) <i>Aditya Suryadi Tan, Thomas Sattel, Jimmy Aramendiz, Alexander Fidlin</i>
18.00 - 18.30	<b>Suppression of the impact oscillations between a pantograph and an overhead rigid conductor line in a railway current collection system</b> (BoA p.85) <i>K. Yamashita and N. Nishiyama</i>

9.00 - 10.00	<b>Keynote:</b> <b>Self-excited oscillations in some mechanical systems Analysis, Control and Application</b> (BoA p. 9) <i>Hiroshi Yabuno</i>	<i>Chair: Prof. Babitsky</i>
10.00 – 10.30 COFFEE BREAK		
Dynamical Identification. Contact Modelling <i>Chair: Prof. Hetzler</i>		
10.30 - 11.00	<b>Experimental Modelling of Structural Dynamics by Spatial Matrix Identification with Additional Constraints of Test Structure's Uniformity and Symmetry</b> (BoA p.89) <i>Masaaki Okuma</i>	
11.00 - 11.30	<b>A basic study toward the establishment of Weigh in Motion</b> (BoA p.91) <i>Pham Xuan Tung, Masaaki Okuma, Mulyadi Bur, Zainal Abidin</i>	
11.30 - 12.00	<b>A zero-thickness finite element approach to model contact interfaces for nonlinear vibrations</b> (BoA p.93) <i>L. Pesaresi, C. Wong, L. Salles</i>	
12.00 - 13.00	<b>The Method of Dimensionality Reduction, a universal tool for simulation of dynamic systems with contact and friction</b> (BoA p.95) <i>Markus Heß, Valentin L. Popov</i>	
13.00 – 14.00 LUNCH		
14.00 – 15.00 MEETING OF THE SCIENTIFIC COMMITTEE		

The organizers wish you  
a safe journey home!

## Getting to Kassel

**By Plane:** The best airports to get to Kassel are Paderborn-Lippstadt Airport (82 km), Hannover Airport (198 km) or Frankfurt Airport (204 km). The Kassel-Calden regional airport (13 km) is only scarcely connected by scheduled flights.

**By Train:** Take a train to *Bahnhof Kassel Wilhelmshöhe* (train station Kassel Wilhelmshöhe), which is despite its name the „main station“ in Kassel. **Please do not** travel to *Kassel Hauptbahnhof* (Kassel main station) – this is only a regional station and not accessed by national trains. If you should arrive at Kassel-Calden regional airport, take the Bus Line 100 to *Bahnhof Kassel Wilhelmshöhe*.

## Getting to the Conference Venue

**By Public Transportation:** From *Bahnhof Kassel Wilhelmshöhe* take tram line 1 (direction *Wilhelmshöhe (Park)*) in front of the railway station building till the terminal station *Wilhelmshöhe (Park)*. From here, it's a 400 m uphill walk to the conference hotel (see map on p.12). Some line 1 trams end two stops earlier (direction *Hessischer Rundfunk*) at stop *Hessischer Rundfunk* which adds 750 m of walking distance.

Use the *Kurzstrecke* ticket for 1,70€ which are sold at ticket machines on the tram platforms or in the tram itself. If you stay at *Schlosshotel Wilhelmshöhe* and booked directly over the hotel homepage, your booking confirmation can be used as a valid ticket.

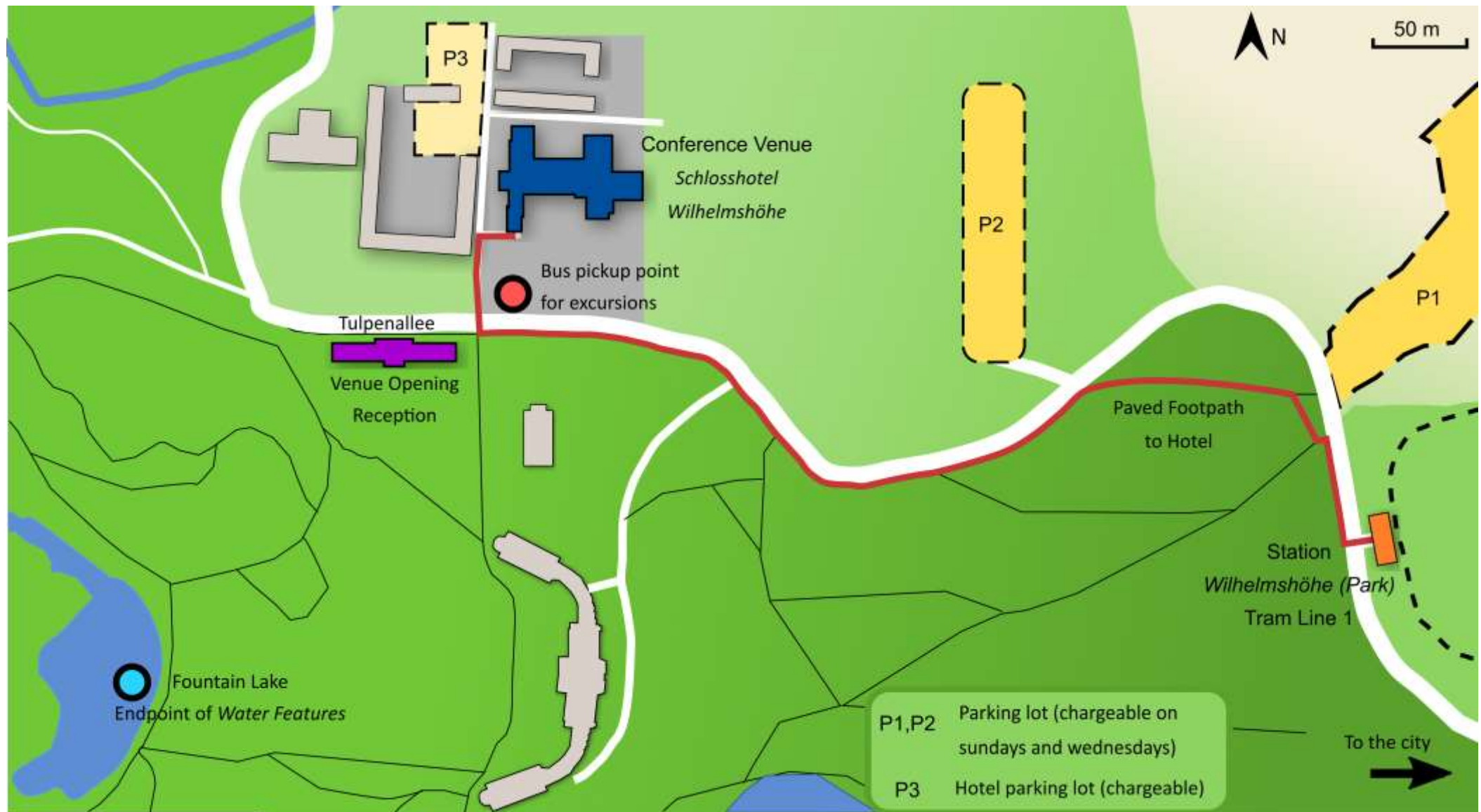
**By Taxi/Minicar:** Taxis can be found in front of the railway station.

Taxis from company *88111* (recognised by an identical sign) bring you for 8€ to the conference hotel by mentioning the keyword „Sondervereinbarung Schlosshotel“. Alternatively you can call a cheaper *Minicar* (Uber-like taxis with no taxi stands) at +49 561 811081 or +49 561 77077.

**By Car:** Conference hotel address: Schlosspark 8, 34131 Kassel. Parking spaces are available directly at the hotel (8€/day) or within 400 m walking distance (chargeable on Wednesdays/ Sundays during *Water Features* – cars which are constantly parked here for the whole week are free, see map on p.12: P1 and P2).



©Schlosshotel Wilhelmshöhe



## Coffee Break

During the break coffee and tea will be available in front of the lecture room as well as a 'power snack' in the morning and a 'sweet snack' in the afternoon. Soft drinks are permanently available in the lecture room. On Wednesday afternoon a packed snackbox will be provided for the Sightseeing Bus Tour.

## Lunch

Lunch is served from Tuesday to Friday after the morning session in the hotel restaurant. The meal itself and free water and apple juice are included in your conference fee.

## Scientific Evening Event

(Monday 18.30 – 22.00)

The opening reception will take place in the historic green house (built in 1822) right opposite to the conference hotel (see map p.12) in the UNESCO World Heritage Site *Bergpark Wilhelmshöhe* (mountain park Wilhelmshöhe).

You will be offered a barbecue buffet (non-vegetarian/ vegetarian) and dessert. Alcoholic and non-alcoholic drinks are included until 22.00.



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### Excursion to UNESCO World Heritage Site

#### *Bergpark Wilhelmshöhe and Water Features*

(Wednesday 13.30 – 16.00)

The baroque *Water Features* in the World Heritage Site *Bergpark Wilhelmshöhe* (mountain park Wilhelmshöhe) are a series of cascades, waterfalls and fountains located all over the mountain site. Every Wednesday and Sunday from May to October 1200 cubic metres of water stored in a catchment on the top of the hill start streaming the different features in sequence. The visitors follow the water down from the starting point below the *Herkules* monument along the 2.3 kilometres long path thereby overcoming 200 metres of altitude difference. The system of pipes, reservoirs, underground water chambers and water gates is technically unchanged since the start of construction in 1701 and uses only gravity.

A bus will pick up interested conference participants and accompanying persons right in front of the hotel (see map p.12) at **13.30**. The *Water Features* will start at **14.30** and end at **15.45** with the *Grand Fountain* in front of the Castle Wilhelmshöhe (5 minutes walking distance from hotel).

**Please note** that the baroque cascade misses railings. Sturdy footwear is recommended on the unpaved paths which might be slippery. All visitors must be physically fit and surefooted, since they are required to descend more than 200 metres of altitude difference.



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## Sightseeing Bus Tour

(Wednesday 16.30 – 18.30)

The city of Kassel with its 200.000 inhabitants is located near the geographical centre of Germany and was first mentioned in a document in the year of 913. From the year 1700 on, *Landgrave Carl* shaped the appearance of the city with ambitious construction projects like the *Karlsaue* (a 1,5 km<sup>2</sup> baroque park in the heart of Kassel), the *Herkules* Monument, the *Bergpark Wilhelmshöhe* (mountain park Wilhelmshöhe) and different castles. *The Fridericianum* built in 1779 was the first museum open for the public in Europe. In the ongoing 19<sup>th</sup> century famous people like the Brothers Grimm (authors of fairy-tale books and “The German Dictionary”) and Robert Bunsen lived and worked in Kassel. During World War II nearly 80% of the city was destroyed. Since then, the centre of the city is mainly dominated by functional buildings from the 50’s and 60’s, showcasing here and there prime examples of that architectural period. A new chapter in the long art history of the city was written in 1955, when the first *documenta* was opened. Taking place every 5 years, it is the world’s largest and most prestigious exhibition of contemporary art, whereby many outdoor art works remain after the exhibitions in the city and can be visited every day. In 1971 the comprehensive university Kassel (Gesamthochschule Kassel) opened. It became a full university in 2003 and counts to date over 25.000 students in 140 different courses of studies. A sightseeing bus with a tour guide (in English) will pick up interested conference participants and accompanying persons right in front of the hotel (see map p.12) at **16.30**. Within 2 hours the tour will take you along the sight seeing highlights through the history of the city. A packed snackbox for the Bus Tour will be provided instead of the afternoon coffee break.

**Please note** that the bus will drop you off directly at the venue of the scientific evening event. Conference participants and accompanying persons who are not taking part in the sight seeing tour are asked to arrive at the *Renthof* restaurant by **18.30** (information on the dinner and how to get there can be found on p.17).



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Photographer: Paavo Blåfield



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### Scientific Evening Event to the Honor of Prof. V.I.Babitsky

(Wednesday 18.30 – 23.30)

The scientific evening event takes place at the *Renthof Kassel*. The restaurant and hotel housed in a former monastery and church from the 13<sup>th</sup> century serves regional and international cuisine. You will be offered a four course dinner (non-vegetarian/ vegetarian). Alcoholic and non-alcoholic drinks are included until 23.30.

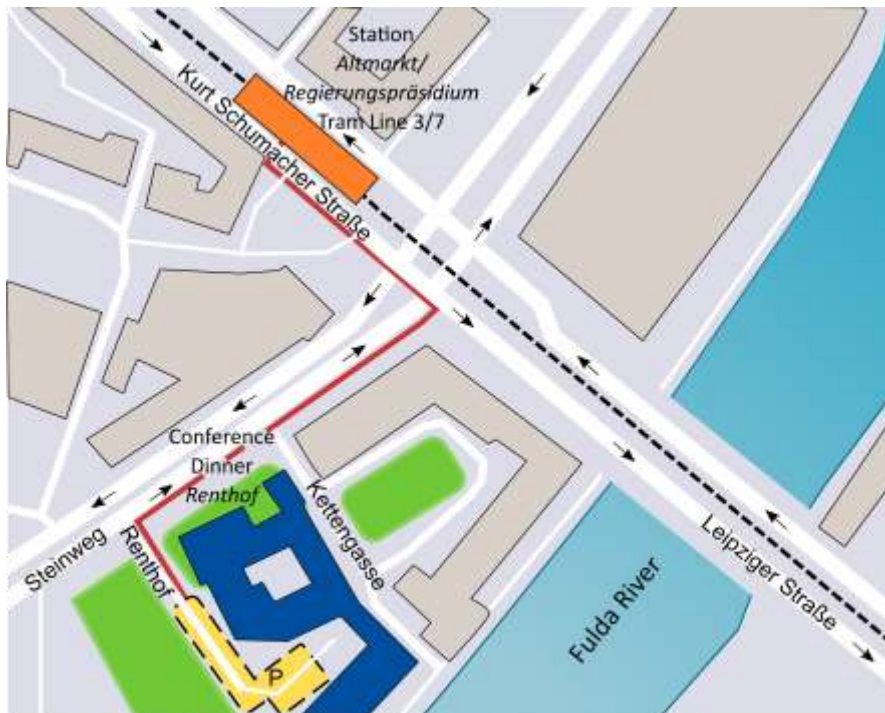
#### *Getting to the Scientific Evening Event*

**Sightseeing Bus Tour:** The sightseeing bus tour will end directly at the *Renthof* restaurant.

**By car/ taxi:** Address: *Renthof 3, 34117 Kassel*.

Limited parking spaces are located directly in front of the building. Alternative municipal parking spaces are the theatre parking space or the *Friedrichsplatz* underground car park (both: Du-Rye-Straße 34117 Kassel).

**By public transportation:** A ticket for public transportation is included in your conference fee. Take tram line 1 from station *Wilhelmshöhe (Park)* (this is the terminal station) to station *Bahnhof Wilhelmshöhe* (train station Wilhelmshöhe; 6 minutes ride). From there, take tram line 3 (direction *Ihringshäuser Straße*) or tram line 7 (direction *Wolfsanger*) to station *Altmarkt/ Regierungspräsidium* (19 minutes ride). It's now a 2 minute walk to the restaurant (see map below).





## Public Transportation

The best way explore the city of Kassel is via public transportation. Tickets valid in the city area are included in your conference fee and will be handed to you at the registration. Unfortunately, major construction works take place in the inner city during the conference. It is thus recommended to install the *NVV Mobil* App (available for Android and iOS) providing you with all timetable information and walking paths from your current position. Operating hours of public transportation ends usually around midnight. Last tram to the terminal station *Wilhelmshöhe (Park)* near the Conference hotel arrives at 22.46. Later arriving trams stop two stations earlier (adding 750 m of uphill walking distance).

## Taxi and Minicar

You can call a taxi at +49 561 88111 or +49 561 701313.

Alternatively you can call a cheaper *Minicar* (Uber-like taxis with no taxi stands) at +49 561 811081 or +49 561 77077.



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Kassel offers a variety of different restaurants with international cuisines and different bars. Here, we suggest only a few ranging from inexpensive and informal to more pricy ones in the city districts *Wilhelmshöhe*, *Mitte* and *Vorderer Westen* which all can be accessed easily by tram with your included ticket or by foot (district *Wilhelmshöhe* only).

## City District Wilhelmshöhe

**Getting there:** By foot or with tram line 1 (direction *Vellmar Nord*) (depending on restaurant location).

### Gutshof

The Gutshof is housed in an old brick building which formerly served as a farm for castle *Wilhelmshöhe*. The Gutshof was awarded a *Guide Michelin Plate* in 2018 certifying “fresh ingredients, capably prepared: simply a good meal”. German/ Hessian and international cuisine. A reservation is recommended. **Price: €€€**

**Location:** Wilhelmshöher Allee 347A, 34131 Kassel – tram line 1: stop *Kurhessen Therme* or by foot. +49 561 32525

### Alte Wache

Right besides the Conference hotel in the historic guard house. Mix of regional/ Italian/ International cuisine. **Price: €€/€€€**

**Location:** Schlosspark 6, 34131 Kassel – by foot. +49 561 57435489

### Route 66 American Restaurant

Some colleagues swear that the best burger in Kassel can be eaten here. Typical American Diner/ Burger Restaurant. **Price: €€**

**Location:** Burgfeldstraße 2A, 34131 Kassel – by foot. +49 561 50616415

### Matterhorn-Stübli

Swiss cuisine with cheese fondue and rösti can also be found in the Kassel mountains. A reservation is recommended. **Price: €€**

**Location:** Wilhelmshöher Allee 326, 34131 Kassel – tram line 1: stop *Hessischer Rundfunk* by foot. +49 561 39933

### Restaurant „Kleine Konoba“

Konobas are small Croatian restaurants at the Adriatic coast. Mediterranean/ Croatian cuisine. **Price: €€**

**Location:** Wilhelmshöher Allee 254, 34119 Kassel – tram line 1: stop *Bahnhof Wilhelmshöhe*. +49 561 104350

## City district *Vorderer Western*

**Getting there:** Take tram line 1 to station *Bahnhof Wilhelmshöhe* (direction *Vellmar Nord*). Change here for either tram line 4 (direction *Kaufungen Papierfabrik* or *Helsa*) or tram line 7 (direction *Wolfsanger*).

### El Erni

El Erni was awarded a *Guide Michelin Plate* in 2018 certifying “fresh ingredients, capably prepared: simply a good meal”. The *Guide* recommends the selection of tapas. El Erni serves traditional Spanish and international cuisine. A reservation is recommended. **Price: €€€**

**Location:** Parkstraße 42, 34119 Kassel – tram line 4: stop *Querallee* or tram line 7: stop *Goethestraße*. +49 561 710018

### Shinyu Sushi House

Perhaps the best sushi in town. **Price: €€**

**Location:** Friedrich-Ebert-Straße 79, 34119 Kassel – tram line 4 or 7: stop *Annastraße*. +49 561 7397718

### Baccano

Classic Italian cuisine served in a beautiful historic town house. **Price: €/€€**

**Location:** Querallee 36, 34119 Kassel – tram line 4: stop *Querallee* or tram line 7: stop *Goethestraße*. +49 561 99857733

### Orestis

Serving one of the best Greek cuisines in Kassel. Chances are good meeting Prof. Hetzler here. A reservation is recommended. **Price: €€**

**Location:** Königstor 34, 34117 Kassel – tram line 4 or 7: stop *Karthäuserstraße*. +49 561 524900

### Bar Seibert

Fancy and award winning cocktail bar. Serves also small dishes. **Price: €€**

**Location:** Friedrich-Ebert-Straße 47, 34117 Kassel – tram line 4 or 7: stop *Karthäuserstraße*. +49 0561 69022715

### Ulenspiegel

Rustic, casual and iconic bar right across from Bocano restaurant. One of the favourite places of the *Technische Dynamik* Research Group. **Price: €**

**Location:** Goethestraße 30, 34119 Kassel – tram line 4: stop *Querallee* or tram line 7: stop *Goethestraße*. +49 561 777887

## City district *Mitte*

**Getting there:** Take tram line 1 (direction *Vellmar Nord*).

### **Humboldt 1a**

Fine Dining in the old villa of the school principal which is situated in a park. International cuisine. A reservation is recommended. **Price: €€€**

**Location:** Humboldtstraße 1A, 34117 Kassel – tram line 1: stop *Rathaus/Fünffensterstraße*. +49 561 76649755

### **Osteria Kassel**

Classic Italian and Sicilian cuisine with a frequently changing menu and wide selection of wines. A reservation is recommended. **Price: €€/ €€€**

**Location:** Jordanstraße 11, 34117 Kassel – tram line 1: stop *Rathaus/Fünffensterstraße*. +49 561 77370

### **Lohmann**

Restaurant and beer garden founded in 1888 with traditional German/ Hessian cuisine. **Price: €/€€**

**Location:** Königstor 8, 34117 Kassel – tram line 1: stop *Rathaus/Fünffensterstraße*. +49 561 7016875

### **Pho Vang**

The small family led restaurant serves fresh traditional Vietnamese and Southeast Asian cuisine. **Price: €**

**Location:** Garde du Corps Straße 1, 34117 Kassel – tram line 1: stop *Rathaus/Fünffensterstraße*. +49 561 9371536

### **Anadolu**

Turkish specialties restaurant and one of the best typical „German“ Döner takeaways in Kassel. Closing hours are hardly compatible with the first session in the morning. **Price: €**

**Location:** Fünffensterstraße 7, 34117 Kassel – tram line 1: stop *Rathaus/Fünffensterstraße*. +49 0561 7036780

### **Rondell**

Beer garden right above the Fulda river placed on a guard tower from 1523. Directly besides the scientific evening event restaurant *Renthof*. **Price: €**

**Location:** Renthof, 34117 Kassel – see information on scientific evening event on how to get there. +49 176 22795310

## Useful Phone Numbers and Wi-Fi Code

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Conference Venue <i>Schlosshotel Wilhelmshöhe</i>	+49 561 30880
Scientific Evening Event Venue <i>Restaurant Renthof</i>	+49 561 506680
Taxi Company <i>88111</i>	+49 561 88111
Taxi Company <i>Schneider</i>	+49 561 701313
Minicar Company <i>Minicar Freecall</i>	+49 561 77077
Minicar Company <i>Minicar-Citycar Zentrale</i>	+49 561 811081
Prof. Dr.-Ing. Hartmut Hetzler	+49 179 9228893
Simon Bäuerle, M.Sc.	+49 177 1960964
Police	110
Fire Brigade/ Rescue Teams	112
Medical On-Call Duty (outside regular medical working hours)	116117

Wi-Fi Code <i>Schlosshotel Wilhelmshöhe</i>	hotel0116
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## Conference Organization

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