

# Research Synthesis 2019

incl. Pre-Conference Symposium: Big Data in Psychology

May 27-31, 2019, Dubrovnik, Croatia

## Conference Program\*

Conference Website:

<http://researchsynthesis2019.leibniz-psychology.org>

<http://bigdata2019.leibniz-psychology.org>

Abstract Collection:

<http://dx.doi.org/10.23668/psycharchives.2434>

#ressyn2019

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\* Please note that this program is valid as of May 9, 2019. The conference organizers reserve the right to modify the program at any time. Any liability resulting from program changes, be it direct or indirect, material or non-material, are hereby excluded. By attending the conference, this disclaimer is accepted without any restrictions. The most up-to-date version can be found online – visit the conference's website or scan the QR-Code:



Program Overview  
**Research Synthesis 2019 incl. Pre-Conference Symposium Big Data in Psychology**  
 May 27-31, 2019, Dubrovnik, Croatia

	Pre-Conference Symposium Big Data in Psychology			Research Synthesis Conference 2019						
	Monday May 27th, 2019	Tuesday May 28th, 2019		Wednesday May 29th, 2019		Thursday May 30th, 2019	Friday May 31st, 2019			
Time		Welcome Address	Book Social Events			Keynote	Keynote			
9:30 am - 10:00 am		Keynote				Terri Pigott		Wolfgang Viechtbauer		
10:00 am - 10:30 am		Joop Hox		Coffee Break		Coffee Break				
10:30 am - 11:00 am		Coffee Break		Registration		Coffee Break		Paper Session		
11:00 am - 11:30 am		Paper Session				Quality Appraisal		Multilevel and IPD Meta-Analysis		
11:30 am - 12:00 pm		Using Big Data: Applications		Lunch Break (90 min)		Lunch Break (90 min)		Lunch Break (90 min)		
12:00 pm - 12:30 pm		Lunch Break (90 min)				Welcome Address		Game of Thrones Tour**		
12:30 pm - 1:00 pm		Keynote		Keynote		1:30 pm - 3:30 pm		Paper Session		
1:00 pm - 1:30 pm		Ross Jacobucci		Larry Hedges		Meeting point:		Applications		
1:30 pm - 2:00 pm		Coffee Break		Coffee Break		Onofrio's fountain		Coffee Break		
2:00 pm - 2:30 pm		Paper Session		Paper Session				Paper Session		
2:30 pm - 3:00 pm		Methodology		Methods in Meta-Analysis				Health Psychology		
3:00 pm - 3:30 pm		Summary and Outlook		Coffee Break		Keynote		Closing Address		
3:30 pm - 4:00 pm						Christina Bergmann		Tour to Ston** 5:15 pm - 10:30 pm Meeting point: *to be announced*		
4:00 pm - 4:30 pm	Dubrovnik Old Town Tour**				Coffee Break		Coffee Break			
4:30 pm - 5:00 pm	5:30 pm - 7:30 pm				Paper Session		Methods in Meta-Analysis			
5:00 pm - 5:30 pm	Meeting point:				Paper Session		Coffee Break			
5:30 pm - 6:00 pm	Onofrio's fountain				Methods in Meta-Analysis		Paper Session			
6:00 pm - 6:30 pm	Registration				Cruise by the City Walls**		Coffee Break			
6:30 pm - 7:00 pm					6:45 pm - 8:30 pm		Paper Session			
7:00 pm - 7:30 pm					Meeting point:		Network Meta-Analysis			
7:30 pm - 8:00 pm					Old City Harbour					
8:00 pm - 8:30 pm										
8:30 pm - 9:00 pm										
9:00 pm - 9:30 pm										

\*\* Social Events are organized, offered and carried out by independent private travel companies. They must be booked and paid directly with the tour operators (at the hospitality desk).

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## Conference Venue and Information

### Conference Venue



University of Zagreb  
**Centre for Advanced Academic Studies (CAAS)**  
Don Frana Bulica 4  
20000 Dubrovnik  
Croatia

<http://www.caas.unizg.hr/>

E-Mail: [office@caas.unizg.hr](mailto:office@caas.unizg.hr)

Phone: +385 20 326 300

Fax: +385 20 326 390

Situated in the heart of the city and easily accessible: 3 minutes walking distance from the beautiful Old Town of Dubrovnik.

### Contact Information

E-Mail: [events@leibniz-psychology.org](mailto:events@leibniz-psychology.org)

Organizational contact: +49 176 24232343 (Andrea)  
or +49 151 28828095 (Lisa)

Emergency number Croatia: 112

### Airport & Transport

The airport is located 15 kilometers south-east of the city of Dubrovnik.

There are several **ATMs** from different banks as well as two currency exchange services in the airport building (ground level). Please check the following link for directions:

[http://edit.pandopad.com/airport/dubrovnik/web\\_edition/index\\_eng.html](http://edit.pandopad.com/airport/dubrovnik/web_edition/index_eng.html)

**Buses** to the city leave the airport after every landing of regular flights. You can buy the one-way or return bus ticket on the ATLAS counter which is located in the arrival terminal near the exit (right-hand side after leaving the baggage claim area). The one-way fare is 40 HKR (approx. 5,50 EUR / 6 USD), the return fare is 70 HKR. The buses will be marked with the sign "Airport – Dubrovnik" on the window shield. The journey takes about 25 minutes. The bus stop in front of Old Town Dubrovnik is called "Pile Gate".

In case of late arrivals (when ATLAS counter is closed), bus tickets can be purchased directly from the bus driver.

Please note that the airport shuttle back to the airport does not pick up passengers at Pile Gate. Instead, the bus stops at the Cable Car station above Old Town Dubrovnik.

## CONFERENCE VENUE & INFORMATION

A **taxi** from the airport to the city costs approx. 270 HKR (= 36 EUR / 40 USD).

**Public transport in Dubrovnik** is carried out by the local bus company 'Libertas'. The main bus stop is Pile Station. Bus tickets can be purchased directly from the bus driver (only cash, 15 HKR) or at one of the Libertas kiosks (12 HKR). One-day tickets can be purchased at the Libertas kiosks and cost 30 HKR.

Check [www.libertasdubrovnik.com](http://www.libertasdubrovnik.com) for more information on bus lines and schedules.

### Useful Information

**Currency:** Croatia's official currency is **Kuna (HKR / KN)**

1 EUR = 7,42 HKR

1 USD = 6,61 HKR

1 GBP = 8,56 HKR *(Exchange rates from Croatian National Bank)*

1 HKR = 0,13 EUR / 0,15 USD / 0,11 GBP

**Tipping in Croatia:** Generally, waiters and bar staff should be tipped **5% to 10%** if a service charge has not already been added to the bill.  
Taxi drivers are usually tipped by rounding up the bill.

### Catering & Refreshments

During **coffee breaks**, coffee, tea, juice and water as well as light snacks will be provided at the conference venue.

Please make your own arrangements for **lunch breaks** and **evening meals**. For your convenience we have collected **discount vouchers** from restaurants that you can choose from individually. An overview of the participating restaurants is presented on pages 15/16. You can find the restaurant vouchers in your conference folder.

For those of you attending the **Opening Reception** (Monday, May 27<sup>th</sup>, 6:00 pm), there will be wine, juice, water and canapés/snacks provided at no costs. For the attendance of the Opening Reception, no extra registration is necessary.

### Tours / Excursions

Independent private travel companies offer tours during the conference.

Day	Tour	Tour Operator	Price
Tue	Dubrovnik Old Town Tour	Gulliver travel	20 EUR
Wed	Cruise by the City Walls	Gulliver travel	50 EUR
Thu	Game of Thrones Tour	Mediterranean Experience	20 EUR
Fri	Tour to Ston	elite travel	55 EUR

If you are interested, you need to **book the tours directly with the tour operators during selected breaks** (Tuesday, May 28, 9-11 am; Wednesday, May 29, 10 am – 12 pm). For more information (e.g., what is included in the price, and how to pay), please ask at the hospitality desk.

Exploring on  
your own

**City Maps** are available at the hospitality desk of CAAS, as well as a variety of brochures about Dubrovnik.

**Beaches:** All beaches in Croatia are open to the public free of charge.

*Banje Beach* is the best known of Dubrovnik's beaches and is located just a few minutes' walk from the Old Town. It has a coffee shop/restaurant, and often there is some entertainment or music in the evening.

*Šulić Beach* is a very small pebbled beach and 2 minutes by foot from the conference venue (CAAS). There are two coffee shops to sit and enjoy the view.

*Danče Beach* is a small rocky beach and a 5-minute walk from CAAS.

**Ferry to Lokrum:** The Island of Lokrum is an island near Dubrovnik that we highly recommend visiting. It is only 12 minutes by ferry from the Old City Harbor, and ferries go every half hour. You do not have to book anything in advance. The nature is beautiful, there are places to swim, outdoor fitness, handball and football, museums, fortresses, coffee shops and restaurants. The return ticket costs 150 HKR (approx. 20 EUR / 23 USD). Check <http://www.lokrum.hr/eng/> for more information.

**Other Islands:** Dubrovnik is surrounded by a large number of islands. You can visit them by booking a tour, or go there by ferry on your own. Most ferries/boats leave from Gruž Harbor. From Pile, take bus lines 1, 1a, 1b, 1c or 8 to get there (takes about 10 minutes).

*Lopud Island* is famous for its sandy beaches – especially the Šunj bay is worth a visit. The island also has early-medieval churches, summer manors and fortifications.

*Mljet Island* is one of the largest islands in South Croatia, and home to a National Park. The nature of

## CONFERENCE VENUE & INFORMATION

this island is beautiful, it has two salt lakes, and is well-known for its wine, olives and goat cheese.

*Korčula Island* is another large island and believed to be the homeland of Marco Polo. There is a museum dedicated to his life and work. The south side of the island has small beaches, caves and small villages.

*Šipan Island* also has beautiful beaches and is perfect to relax and enjoy some peace and quiet.

**Cable Car:** Dubrovnik's Cable Car takes you 450 meters above sea level to enjoy a view of Old Town Dubrovnik and the Adriatic Sea. The ride takes about 3 minutes and costs 85 HKR one-way / 150 HKR round-trip. The embarkment point is located above the Old Town – a 5-minute walk from Old Town. Bring some additional time because lines can get quite long.

**Dubrovnik Card:** Provides the card holder with free entry to the top 9 attractions of Dubrovnik, free use of public transport and discounts at i.e. restaurants or shops. You can choose between a 7 Day, 3 Day or 1 Day Dubrovnik Card. If you buy it online, you save 10%:  
<http://www.dubrovnikcard.com/>

7 Day Dubrovnik Card - 350 HKR (315 HKR online)  
3 Day Dubrovnik Card - 300 HKR (270 HKR online)  
1 Day Dubrovnik Card - 250 HKR (225 HKR online)

## Keynote Speeches

### Pre-Conference Symposium Big Data in Psychology

May 27-28, 2019

**Joop Hox**, Utrecht University

„Big Data + Big Computers = Computational Psychology?“

Tuesday, May 28, 9:30 am

**Ross Jacobucci**, University of Notre Dame

„Flexible Specification of Large Structural Equation Models with Regularization“

Tuesday, May 28, 2:00 pm

### Research Synthesis Conference 2019

May 29-31, 2019

**Larry Hedges**, Northwestern University

„Meta-analytic perspectives when studying replication“

Wednesday, May 29, 2:00 pm

**Terri Pigott**, Loyola University Chicago

„Considerations for power in meta-analysis“

Thursday, May 30, 9:00 am

**Christina Bergmann**, Max Planck Institute for Psycholinguistics

„Dynamically aggregating evidence in community-augmented meta-analyses“

Thursday, May 30, 4:00 pm

**Wolfgang Viechtbauer**, Maastricht University

„The R package metafor: Past, present and future“

Friday, May 31, 9:00 am



## Paper Sessions

### Pre-Conference Symposium Big Data in Psychology

Tuesday  
May 28, 2019

#### Using Big Data: Applications

11:00 am – 12:30 pm

11:00 am – 11:30 am

#### **Usability of web scraping of open-source discussions for identifying key beliefs**

Galit Gordoni, *The Academic College of Tel Aviv-Yaffo*

Holger Steinmetz, *Leibniz Institute for Psychology Information (ZPID)*

Peter Schmidt, *University of Giessen*

11:30 am – 12:00 pm

#### **The Pitfalls of Investigating Radicalization on Social Media**

Veronika Batzdorfer, *Leibniz Institute for Psychology Information (ZPID)*

12:00 pm – 12:30 pm

#### **Big Data and Digital Aesthetic, Arts and Cultural Education: Hot Spots of Current Qualitative Research**

Alexander Christ, *Friedrich-Alexander-University Erlangen-Nürnberg*

Marcus Penthin, *Friedrich-Alexander-University Erlangen-Nürnberg*

Stephan Kröner, *Friedrich-Alexander-University Erlangen-Nürnberg*

#### Methodology

3:30 pm – 4:30 pm

3:30 pm – 4:00 pm

#### **Ignoring the differences in model structures of PCA and sparse PCA can misguide practice**

Soogeun Park, *Tilburg University*

Katrijn Van Deun, *Tilburg University*

Eva Ceulemans, *KU Leuven*

4:00 pm – 4:30 pm

#### **Discovering Structure of Unknown Groups in Multi-block Data – A Novel Clustering Method Based on Sparse Component Loadings**

Shuai Yuan, *Tilburg University*

Kim De Roover, *Tilburg University*

Michael Dufner, *University of Leipzig*

Jaap Denissen, *Tilburg University*

Katrijn Van Deun, *Tilburg University*

## Research Synthesis 2019

Wednesday

May 29, 2019

### Methods in Meta-Analysis

3:30 pm – 6:30 pm

3:30 pm – 4:00 pm

#### **When is a replication successful? A systematic evaluation of multiple replication outcome indicators across contemporary multi-sample replication studies**

Martin Voracek, *University of Vienna*

Michael Kossmeyer, *University of Vienna*

Agnieszka Slowik, *University of Vienna*

Ulrich S. Tran, *University of Vienna*

4:00 pm – 4:30 pm

#### **Addressing publication bias in meta-analysis: Empirical findings from community-augmented meta-analyses of infant language development**

Sho Tsuji, *École Normale Supérieure*

Alejandrina Cristia, *École Normale Supérieure*

Michael C. Frank, *Stanford University*

Christina Bergmann, *Max Planck Institute for Psycholinguistics*

4:30 pm – 5:00 pm

#### **Distance correlation: Discovering meta-analytic relationships between variables when other correlation coefficients fail**

Lukasz Stasielowicz, *Osnabrück University*

Reinhard Suck, *Osnabrück University*

[Coffee Break]

5:30 pm – 6:00 pm

#### **Power-enhanced funnel plots for meta-analysis: The sunset funnel plot**

Michael Kossmeyer, *University of Vienna*

Ulrich S. Tran, *University of Vienna*

Martin Voracek, *University of Vienna*

6:00 pm – 6:30 pm

#### **On the Use of Artificially Dichotomized Variables in Meta-Analytic Structural Equation Modeling**

Hannelies de Jonge, *University of Amsterdam*

Suzanne Jak, *University of Amsterdam*

Kees-Jan Kan, *University of Amsterdam*

Thursday  
May 30, 2019

**Quality Appraisal**

10:30 am – 12:00 pm

10:30 am – 11:00 am

**Participation rates in psychological studies over time – A meta-analysis**

Tanja Burgard, *Leibniz Institute for Psychology Information (ZPID)*

Michael Bosnjak, *Leibniz Institute for Psychology Information (ZPID)*

Nadine Kasten, *Leibniz Institute for Psychology Information (ZPID)*

11:00 am – 11:30 am

**Appraisal of the methodological quality of systematic reviews on pharmacological and psychological interventions for major depression in adults using the AMSTAR 2**

Katja Matthias, *Federal Joint Committee (Germany), Medical Consultancy Department*

Olesja Rissling, *Federal Joint Committee (Germany), Medical Consultancy Department*

Marc Nocon, *Federal Joint Committee (Germany), Medical Consultancy Department*

Anja Jacobs, *Federal Joint Committee (Germany), Medical Consultancy Department*

Johannes Morche, *Federal Joint Committee (Germany), Medical Consultancy Department*

Dawid Pieper, *Witten/Herdecke University*

Uta Wegewitz, *Federal Institute for Occupational Safety and Health (Germany)*

Robert Lorenz, *Federal Joint Committee (Germany), Medical Consultancy Department*

11:30 am – 12:00 pm

**Is AMSTAR 2 an appropriate tool to assess the quality of systematic reviews in psychology?**

Karina Karolina Kedzior, *University of Bremen*

Ilkay Kaplan, *University of Bremen*

**Reliability  
Generalization  
Meta-Analysis  
(REGEMA)**

5:30 pm – 7:00 pm

5:30 pm – 6:00 pm

**REGEMA: Guidelines for Conducting and Reporting Reliability Generalization Meta-analyses**

Julio Sánchez-Meca, *University of Murcia*

José Antonio López-Pina, *University of Murcia*

María Rubio-Aparicio, *University of Alicante*

Fulgencio Marín-Martínez, *University of Murcia*

Rosa María Núñez- Núñez, *University Miguel Hernández de Elche*

Juan José López-García, *University of Murcia*

José Antonio López-López, *University of Bristol*

6:00 pm – 6:30 pm

**Reliability Generalization Meta-Analysis: A Comparison of Statistical Analytic Strategies**

Carmen López-Ibáñez, *University of Murcia*

Desirée María Blázquez-Rincón, *University of Murcia*

Julio Sánchez-Meca, *University of Murcia*

6:30 pm – 7:00 pm

**Reliability Generalization Meta-Analysis of the Padua Inventory-Revised (PI-R)**

María Rubio-Aparicio, *University of Alicante*

Julio Sánchez-Meca, *University of Murcia*

Rosa María Núñez- Núñez, *University Miguel Hernández de Elche*

José Antonio López-Pina, *University of Murcia*

Fulgencio Marín-Martínez, *University of Murcia*

José Antonio López-López, *University of Bristol*

**Network Meta-Analysis**

7:30 pm – 8:30 pm

7:30 pm – 8:00 pm

**Using network meta-analysis to identify effective components of complex mental health interventions**

José Antonio López-López, *University of Bristol*

8:00 pm – 8:30 pm

**Systematic review and network meta-analysis of DCS effects on verbal memory: Modelling heterogeneity of stimulation locations**

Gergely Janos Bartl, *University of Roehampton*

Emily Blackshaw, *University of Roehampton*

Margot Crossman, *University of Roehampton*

Paul Allen, *University of Roehampton*

Marco Sandrini, *University of Roehampton*

Friday  
May 31, 2019

**Multilevel and  
IPD Meta-  
Analysis**

10:30 am – 12:00 pm

10:30 am – 11:00 am

**Multilevel Models in Meta-Analysis: A Systematic Review of Their  
Application and Suggestions**

Belén Fernández Castilla, *KU Leuven*

11:00 am – 11:30 am

**Using effect sizes to reduce model complexity in a multilevel meta-  
analysis of single-case experimental design data**

Lies Declercq, *KU Leuven*

Laleh Jamshidi, *KU Leuven*

11:30 am – 12:00 pm

**IPD Meta-Analysis of Complex Survey Data: A Simulation Study**

Anna-Carolina Haensch, *GESIS Leibniz Institute for the Social Sciences*

**Applications**

1:30 pm – 2:30 pm

1:30 pm – 2:00 pm

**Systematic Literature Review of Conceptual Approaches and  
Operationalizations of Radicalization Facets**

Veronika Batzdorfer, *Leibniz Institute for Psychology Information (ZPID)*

2:00 pm – 2:30 pm

**Developmental Trend of School-Age students' Divergent thinking: A  
Meta-analysis**

Sameh Said-Metwaly, *KU Leuven*

Belén Fernández-Castilla, *KU Leuven*

Eva Kyndt, *KU Leuven / University of Antwerp*

Wim Van den Noortgate, *KU Leuven*

Baptiste Barbot, *Pace University / Yale University*

**Health  
Psychology**

3:00 pm – 4:30 pm

3:00 pm – 3:30 pm

**Meta-analytic evidence on the relationship between sedentary video  
gaming and body mass**

Caroline Marker, *University of Würzburg*

Timo Gnambs, *Leibniz Institute for Educational Trajectories*

Markus Appel, *University of Würzburg*

3:30 pm – 4:00 pm

**A meta-analytic investigation of the factor structure of the Positive  
and Negative Affect Schedule (PANAS)**

Nadine Kasten, *University of Trier*

Tanja Burgard, *Leibniz Institute for Psychology Information (ZPID)*

Oliver Wedderhoff, *Leibniz Institute for Psychology Information (ZPID)*

Michael Bosnjak, *Leibniz Institute for Psychology Information (ZPID)*

Timo Gnambs, *Leibniz Institute for Educational Trajectories*

4:00 pm – 4:30 pm

**No specificity of psychometric mindfulness in accounting for the effects of mindfulness interventions on mental health: A systematic review and three-level meta-analysis of randomized controlled trials**

Ulrich S. Tran, *University of Vienna*

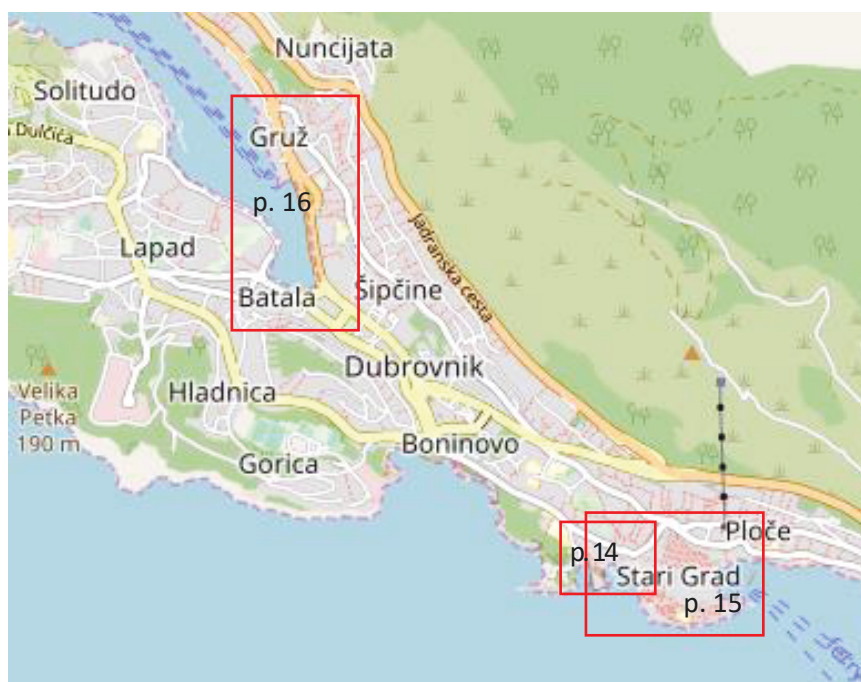
Matthias A. Burzler, *University of Vienna*

Ulrich J. C. Hegewisch, *University of Vienna*

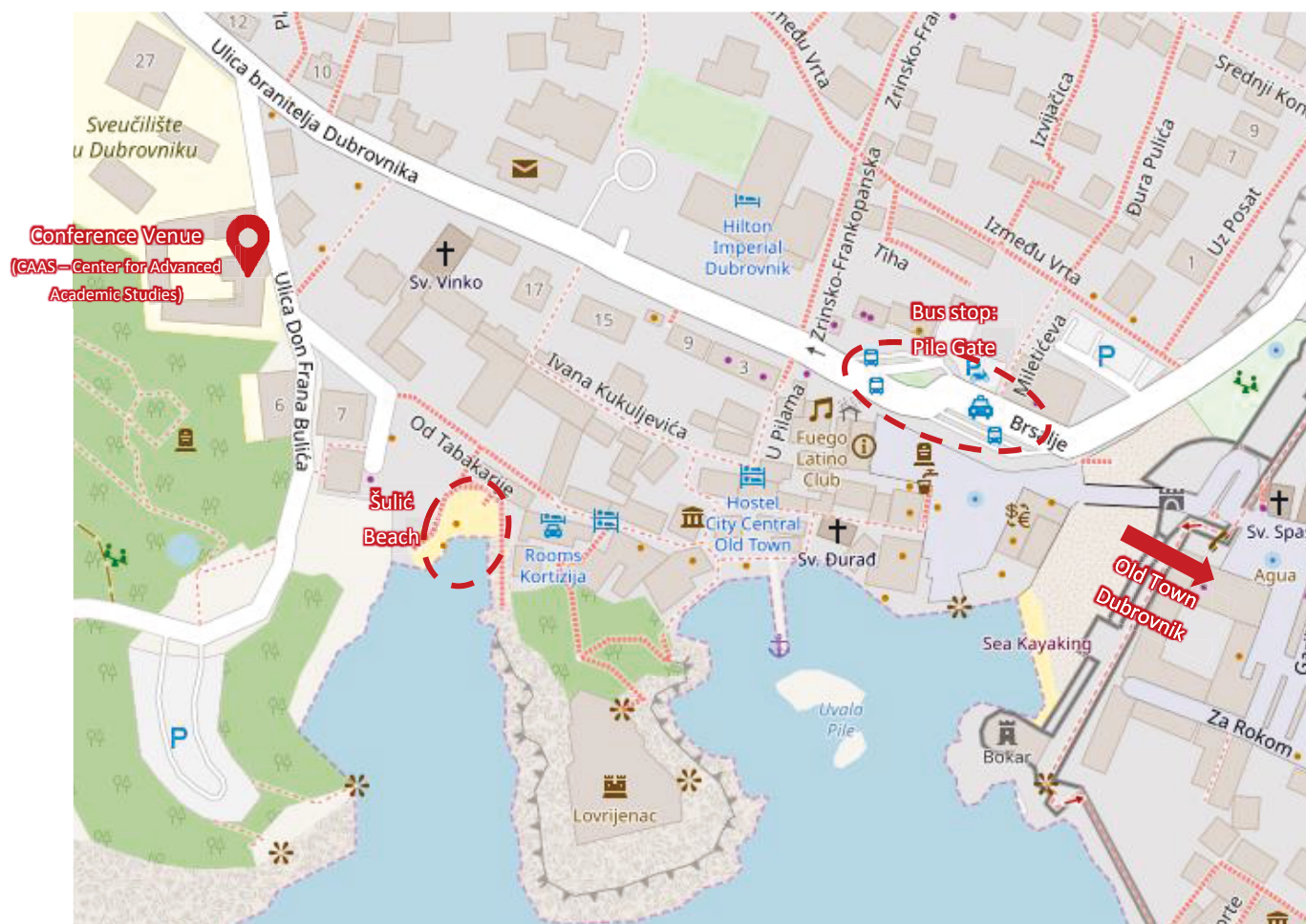
Martin Voracek, *University of Vienna*

## CONFERENCE VENUE & SURROUNDINGS

### Maps



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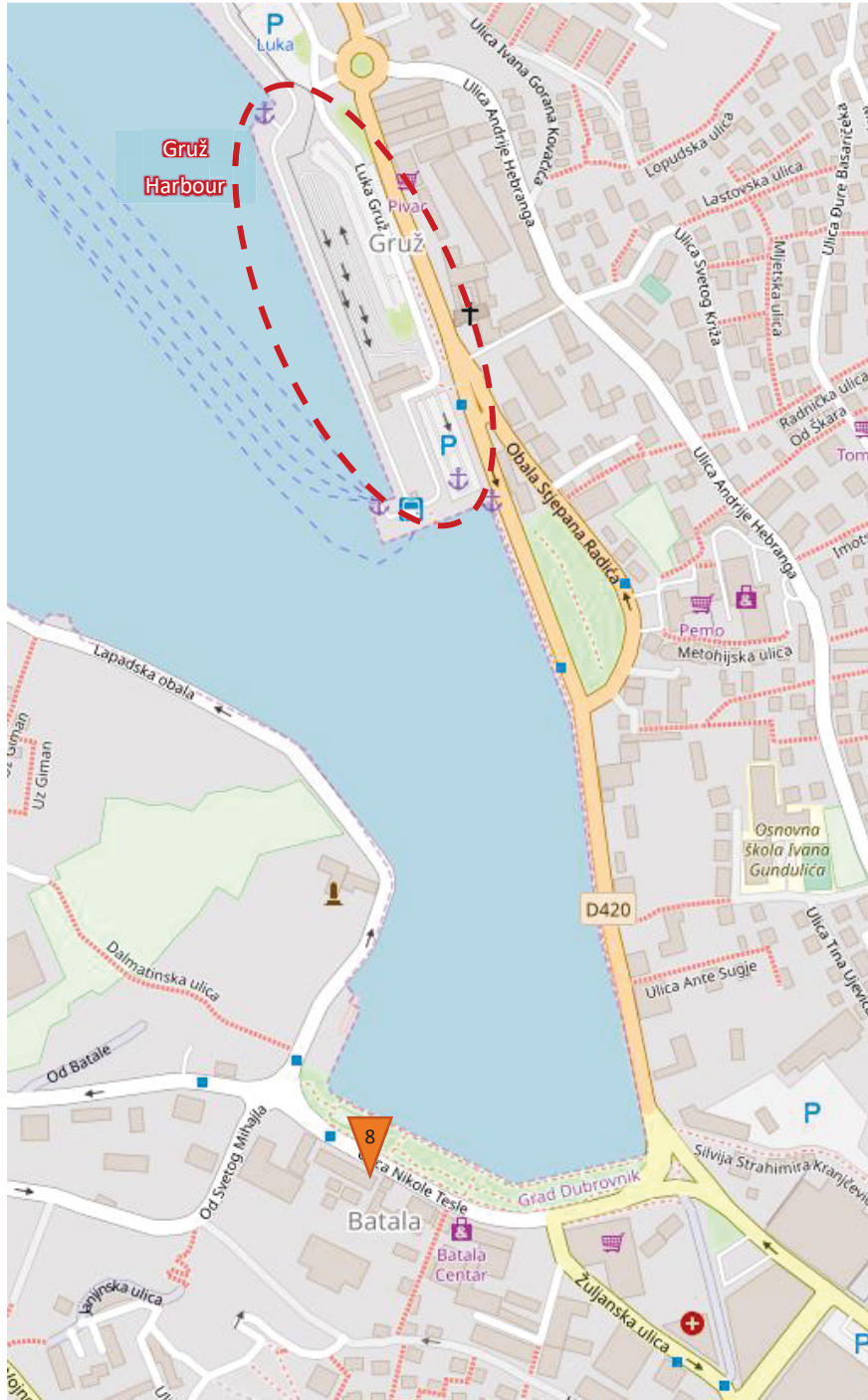
# RESTAURANTS (VOUCHERS AVAILABLE)



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Restaurant vouchers:



© OpenStreetMap-Mitwirkende, <http://www.openstreetmap.org/copyright>

**Taj Mahal Dubrovnik**

1 Ul. Nikole Gučetića 2  
Mon - Sun  
10am - 12 am

**LAJK Restaurant**

2 Prijeko ul. 4  
Mon - Sun  
8am - 12 am

**TAKE AWAY Dubrovnik**

3 Ćubranovićeva 3  
Mon - Sun  
10am - 12 am

**Lucin Kantun**

4 Ul. Od Sigurate 7  
Mon - Sun  
11am - 10:30pm

**Pizzeria Tomato**

5 Brsalje ul. 14  
Mon - Sun  
8am - 11pm

**Azur Dubrovnik**

6 Pobijana ul. 10  
Tue - Sun  
12pm - 10pm

**Gatsby Restaurant  
& Wine Bar**

7 Ulica od Domina 1  
Mon - Sat 2pm - 11pm  
Sun 3pm - 11pm

**Taverna Otto**

8 Ul. Nikole Tesle 8  
Mon, Wed - Sun  
12pm - 4pm, 7pm - 11pm