

welcome to the **FIRST BALTIC INTERNATIONAL SUMMER SCHOOL 2015**

at **HCU** | HafenCity Universität
Hamburg



think the link!

use the logbook to note ideas

fill it with sketches

handle small tasks

it will be part of your final presentation!

“Baukunst [the art of building] is indivisible.

In every structure, meaningful construction and ecological efficiency are as critical as functionality and design.

*Form and supporting structures are only effective if they meld together to become one entity that does not beg scrutiny and is perceived as part of a comprehensive **Baukultur** [the culture of building].”*

Jörg Schlaich

“No matter how good an architect you are, if you have no chance of expressing your poetic idea in structures, you lack the very foundation of architecture.

The structure is a language, a way of expressing yourself, and there should be a balance between thought and language.

Every story has a construction. ”

Sverre Fehn



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the B.I.S.S. universities

- Aalto University, Helsinki, Finland
- Chalmers University of Technology, Gothenburg, Sweden
- Royal Academy of Fine Arts, Copenhagen, Denmark
- Technical University of Denmark, Copenhagen, Denmark
- Gdansk University of Technology, Gdansk, Poland
- Saint Petersburg State University of Architecture and Civil Engineering, Saint Petersburg, Russia
- ITMO University, Saint Petersburg, Russia
- HafenCity University Hamburg, Germany



CHALMERS



Det Kongelige Danske Kunstakademis Skoler
for Arkitektur, Design og Konservering
Arkitektskolen



HCU | HafenCity Universität
Hamburg

the B.I.S.S. dates and data

The duration of the Summer School is 10 days.

Friday 21. 08. – Sunday 30. 08. 2015

The workshop will mainly take place in the premises of the HCU. Within the framework there are three exclusive keynote lectures as well as a big public final presentation and finissage for an invited audience on Saturday the 29th.



the B.I.S.S. target group

About 60 students accompanied by professors, teachers and researchers representing **8 universities from 6 countries** will participate in the first B.I.S.S. 2015. The first Baltic International Summer School focuses on the intersection between architects and engineers.

the B.I.S.S. goals

The First Baltic International Summer School 2015 (B.I.S.S.) at the HCU in Hamburg will open up a **continuous academic network** between all disciplines of the Built Environment as architects, engineers, urban planners and other related professions.

The motto „**think the link**“ indicates the interdisciplinary approach searching for ties and correlation between experiences, cultures, cities and objects of the built environment. Joint identification of the existing problems, examination of various methods and elaboration of possible solutions will strengthen the cross-functional competences of protagonists of the built environment referring to their different academic and cultural background.

The B.I.S.S. is an HCU event under the patronage of **B.I.S.S. patroness Katharina Fegebank**, Second Mayor of the City of Hamburg and Senator for Science, Research and Equalities



the B.I.S.S. methods and formats

A continuous scientific, organizational and cultural exchange will be ensured by working in small interdisciplinary and international teams. Discovery and trial of methodology of the participating disciplines in their creative work will be background and source of the Summer School.

Several formats are going to be applied:

- **keynotes:** Thematic impulses will be given by a number of renowned experts.
- **mentoring system:** The whole group of students will be divided in work groups each guided by one B.I.S.S. mentor.
- **input:** Regular inputs by one of the participating professors will open up a work day.
- **group work:** Students work on their project in groups of 3-4 following their own thematic focus. Small excursions will complement the studies.
- **presentation:** Presentations will be commented by a number of present experts.
- **guest critics:** Critics by external experts from different disciplines will promote the work flow.
- **final public presentation:** Guests from the press, the politics and local and international experts as well as participating teachers will comment the projects on Saturday the 29th. It will be open to an invited audience.
- **finissage:** in presence of the B.I.S.S. patroness Katharina Fegebank, Second Mayor of the City of Hamburg and Senator for Science, Research and Equalities the results of the first B.I.S.S. will be reviewed and commented by a distinguished jury.

the B.I.S.S. topic

You and 59 students from eight renowned universities create social and urban links of two of Hamburg`s most **developing districts - HafenCity and Rothenburgsort**. The area east of Hamburg`s city center, in particular around the infrastructural joint „Elbbrücken“ will be the stage for the **topic 2015 “at – over – on the water”**. You are asked to deal with water as both junction and quality as well as barrier and separation in interdisciplinary and internationally mixed project groups. Hereby the B.I.S.S. wants to address not simply a typical problem of Hamburg, but one that is characteristic for most harbor cities and thus the participants of the BISS. The results can range from artistic to architectural and engineering concepts for the development of the cities. **Links** will not only emerge between districts and cities but also between countries and cultures in the **Baltic Sea Region**.

Please identify your own focus and your own links.

elements to deal with:

at **the riverside**
over **the stream**
on **the surface**





inner city lakes:
„alster“

main train station

city center

possible missing
links

HCU Hamburg

harbor

Elbbrücken

the B.I.S.S. schedule

1 Friday 21.08.15			2 Saturday 22.08.15			3 Sunday 23.08.15			4 Monday 24.08.15		
08:30 REGISTRATION at HCU											
09:00 - 11:00	INTRODUCTION Welcome of universities teachers students + Introductions by mentors		09:00 - 10:00	FOOD FOR THE DAY planning site	FOOD FOR THE DAY floating city	09:00 - 10:00	FOOD FOR THE DAY ponton , bridge and riverside	FOOD FOR THE DAY contextualization	09:00 - 10:00	FOOD FOR THE DAY sustainable water management	FOOD FOR THE DAY harbour city: Gdansk
Teacher	Annette Bögle HCU + mentors		Teacher	Sabrina Gieron HCU	Amelie Rost HCU	Teacher	Annette Bögle HCU	M. Lund CHALMERS	Teacher	W. Dickhaut HCU	B. Macikowski GUT
11:00 - 13:00	PICNIC „learning from Neil“ at the HCU terrace group A + group B entire BISS group + guests		10:00 - 13:00	EXPEDITION TASK: collect your finds -> Logbook		10:00 - 13:00	GROUPWORK 11:00 voluntary: MENTORS CONSULTATION		10:00 - 13:00	GROUPWORK 11:00 voluntary: MENTORS CONSULTATION possible: model workshop briefing	
Teacher			Teacher	all mentors		Teacher	your mentor		Teacher	your mentor	
13:00 - 15:30	CITY TOUR by boat group A	TASKS links + methods group B	13:00 - 14:00	LUNCH		13:00 - 14:00	LUNCH		13:00 - 14:00	LUNCH	
Guide	Rolf Kellner üNN	all mentors		HCU mensa			HCU mensa			HCU mensa	
14:00 - 14:30 Mentors meeting											
15:30 - 18:00	TASKS links + methods group A	CITY TOUR by boat group B	14:00 - 23:00	GROUPWORK TASK: concept development + discussion		14:00 - 18:30	GROUPWORK TASK: idea + concept -> Logbook 16:00 - 18:00 : QUESTIONS AND ANSWERS critics by experts: Annette Bögle + guests		14:00 - 23:00	GROUPWORK TASK: culture + context -> Logbook 16:00 - 18:00 : QUESTIONS AND ANSWERS critics by experts: Gesa Ziemer + Michael Koch + guests	
Guide	all mentors	Rolf Kellner üNN				Teacher	your mentor				
18:30	WELCOME by HCU's President W.Pelka KEYNOTE by Neil Thomas atelier one					18:30	KEYNOTE by NN				
20:00 - 23:00	DINNER + PARTY barbecue on the HCU terrace TASK: till 22:30 choose your group + choose your mentor -> Logbook					19:30 - 23:00	SNACK + DRINKS possible: GROUPWORK				
Teacher			Teacher			Teacher	your mentor		Teacher	your mentor	
<div style="border: 1px solid black; padding: 5px; margin-top: 10px;"> <p style="text-align: center;">model workshop briefing</p> <p>for those who want to build big physical models - you need a safety briefing to work at the model workshop! -> please contact your mentor!</p> </div>											

5 Tuesday
25.08.15

09:00 - 10:00 **FOOD FOR THE DAY**
creative work

Teacher Bernd Dahlgrün | HCU

FOOD FOR THE DAY
tectonics + aesthetics

Teacher Toni Kotnik | Aalto

10:00 - 13:00 **GROUPWORK**
11:00 voluntary:
MENTORS CONSULTATION

Teacher your mentor

13:00 - 14:00 **LUNCH**

HCU mensa

14:00 - 14:30 Mentors meeting

14:00 - 18:30 **GROUPWORK**
TASK:
architecture -> Logbook

16:00 - 18:00:
QUESTIONS AND ANSWERS
critics by experts: Christiane Sörensen + Paolo Fusi + guests

Teacher your mentor

18:30 **KEYNOTE by Mike Schlaich**
Schlaich Bergemann + partner

19:30 - 23:00 **SNACK + DRINKS**
possible: **GROUPWORK**

6 Wednesday
26.08.15

09:00 - 10:00 **FOOD FOR THE DAY**
St. Petersburg:
stages of evolution

Teacher A. Vaytens | GASU

FOOD FOR THE DAY
Urban planning:
design + material

Teacher Piotr Lorens | GUT

10:00 - 13:00 **GROUPWORK**
11:00 voluntary:
MENTORS CONSULTATION

Teacher your mentor

13:00 - 14:00 **LUNCH**

HCU mensa

14:00 - 14:30 Mentors meeting

14:00 - 23:00 **GROUPWORK**
TASK:
structure + material -> Logbook

16:00 - 18:00:
QUESTIONS AND ANSWERS
critics by experts:
Michael Staffa + guests

Teacher your mentor

7 Thursday
27.08.15

09:00 - 10:00 **FOOD FOR THE DAY**
structure

Teacher O. Popovic Larsen | KADK

FOOD FOR THE DAY
detail

Teacher L. Bjerregaard Jensen | DTU

10:00 - 13:00 **GROUPWORK**
11:00 voluntary:
MENTORS CONSULTATION

Teacher your mentor

13:00 - 14:00 **LUNCH**

HCU mensa

14:00 - 14:30 Mentors meeting

14:00 - 23:00 **GROUPWORK**
TASK:
detail -> Logbook

16:00 - 18:00:
QUESTIONS AND ANSWERS
critics by experts:
Frank Wellershoff + guests

Teacher your mentor

8 Friday
28.08.15

09:00 - 10:00 **FOOD FOR THE DAY**
concept for presentation

Teacher Mentor

10:00 - 13:00 **GROUPWORK**
11:00 voluntary:
MENTORS CONSULTATION

Teacher your mentor

13:00 - 14:00 **LUNCH**

HCU mensa

14:00 - 14:30 Mentors meeting

14:00 - 23:00 **GROUPWORK**
TASK:
prepare presentation -> Logbook

FINALIZE YOUR PRESENTATION

till 22:00:
files to print shop

Teacher your mentor

9 Saturday
29.08.15

09:00 - 12:00 **PREPARE THE PRESENTATION**

Teacher all mentors

12:00 - 13:00 **LUNCH**

HCU mensa

13:00 - 17:00 **SILENT PRESENTATION**

17:00 **REVIEW + FEEDBACK**
critics by experts: mentors + guests

Jury + Mentors

18:00 - 03:00 **PUBLIC FINISSAGE**
greetings + reflections:
Patroness + President + Bøgle

FAREWELL PARTY



LOGBOOK

HOST

HafenCity University Hamburg

HCU | University of the Built Environment and Metropolitan Development

The education and research at the HCU Hamburg are aimed to contemplating and concretising what the future of metropolitan areas could and should look like. Coping with this future will, however, require a systematic interdisciplinary as well as transdisciplinary approach. For this reason, the HCU offers the entire range of disciplines required for understanding and designing the urban environment:

Bachelor and Master programme:

Architecture, Civil Engineering, Geomatics, Urban Planning

Bachelor programme:

Metropolitan Culture

Interdisciplinary Master programme:

Urban Design, Resource Efficiency in Architecture and Planning (REAP)

address:

Überseeallee 16
20457 Hamburg
Germany

opening hours during the B.I.S.S.

Monday - Friday	07:00 - 23:00
Saturday	09:00 - 23:00
Sunday	09:00 - 23:00





LOGBOOK




HOSTEL

A&O Hostel Hamburg Hauptbahnhof

Address:

Amsinckstr. 2-10
20097 Hamburg
Germany
+49 40 64 42 104 | 56 00

Distances:

				
airport	11 km	36 min	-	-
central station	1,1 km	12 min	5 min	15 min
HafenCity University	1,4 km	17 min	7 min	20 min



Central Station

A&O Hostel

 HafenCity University

2015



LOGBOOK

SPECIAL SPOTS

few nice locations in Hamburg

ALSTERPERLE

nice little café | bar just at the riverside of „Außenalster“ - enjoy the nice inner lakes „Alster“

Eduard-Rhein-Ufer 1

22087 Hamburg

+49 (0) 40 22748273

Bus **M6 to Borgweg**

Station „Averhoffstraße“

ÖBERHAFENKANTINE

little restaurant with local food and drinks - get an idea of Hamburg`s harbor

Stockmeyerstraße 41

20457 Hamburg

+49 (0) 40 32809984

Line **U1 to Ohlstedt**

Station „Meßberg“

-> 10 minutes walk

STRANDPERLE

snack bar directly at the Elbe beach - have a drink here with your feet in the sand

Övelgönne 60

22605 Hamburg

+49 (0) 40 8801112

Ferry-Line **62 to Finkenwerder**

Station „Neumühlen/Övelgönne“ -> 10 minutes walk

ST. PAULI ELBTUNNEL

Hamburg`s historic tunnel under the Elbe river - an important link of both sides South and North enter it by foot or by bike and have a „Fischbrötchen“ on the other side

Beim Kraftwerk 4
20457 Hamburg

PLANTEN UN BLOMEN

Hamburg`s thematic gardens and park with japanese and botanical garden- entrance free

Jungiusstraße 1
20355 Hamburg

+49 (0) 40 428544723

Line **U2 to Niendorf Markt**

Station **„Gänsemarkt (Oper)“**

BOATS AND FERRY-SERVICE

check out the public transportation on the water

have a look at the routes, rates and timetables here:

<http://www.hadag.de/hafenfaehren.html>

+49 (0) 40 - 31 17 07 - 0

EVENTS AND PARTIES

check out what is going on in the city here:

for all kinds of events: <http://english.hamburg.de/hamburg-events/>

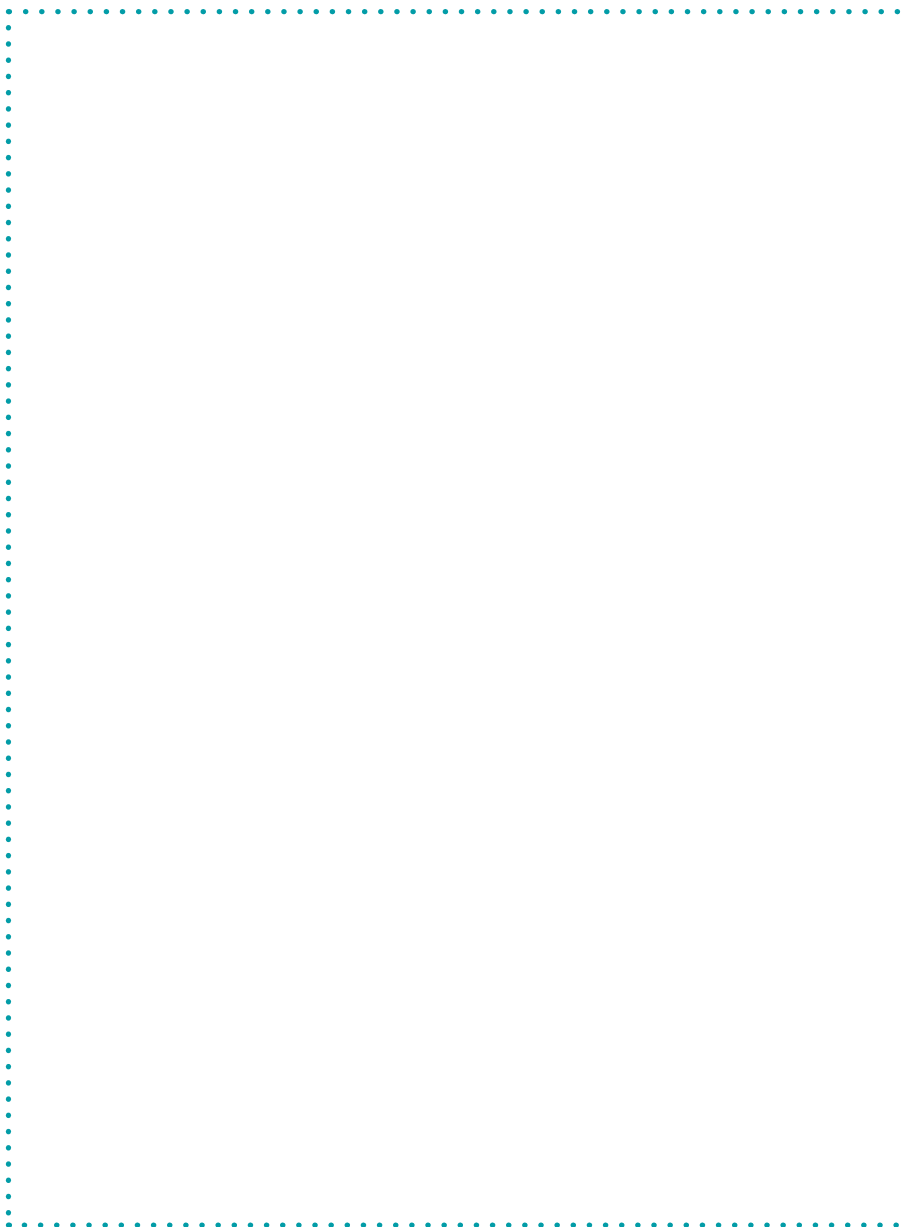
for especially electronical music: www.ohschonhell.de

Subway Lines and Bus M6 run from Central Station . Ferries start from „Landungsbrücken“

Connection from Hafencity University to Central Station: 3 stops with Line U4 to Billstedt

find more information here: http://www.hvv.de/pdf/plaene/hvv_produkplan_schnellbahnplan_usar.pdf

notes:



notes:





LOGBOOK

the B.I.S.S. team

Prof. Annette Bögle
Frauke Kasting
Kristina Peselyte-Schneider
Sabrina Gieron



2015



Name

Prof. Dr.-Ing. Annette Bögle

University

HafenCity University

Study

Annette Bögle studied Structural Engineering at the University of Stuttgart and received her doctorate under the guidance of Jörg Schlaich in 2004 on the topic: „Morphology of complex shapes in structural engineering“.

Research

Annette Bögles research focuses on (1) the design and analyses of light weight structures, (2) topics like parametric design, biomimetic and adaptable structures and (3) methods to teach creativity and the art of structural design.

Teaching

Bachelor

Structural Design
Statics
History of Structural Design

Master

CAE in Structural Engineering
Cable and Membrane Structures
Spatial Structures
Design Projects

Motivation

To inspire interest and passion for the art of structural design, to gain and transfer knowledge in structural behavior and to evolve creativity in structural engineering.

Expectation

A high level of intercultural and methodical thinking with engaged participants resulting in academic synergies.

Name

Kristina Peselyte-Schneider | M.A.

University

HafenCity University

Experience

After graduating in political science and international relations in both Lithuania and Germany, Kristina has several years of experience in working with international projects in the housing sector within the Baltic Sea Region.

Focus

Coming herself from Lithuania and currently living in Hamburg, Kristina has been part of the first B.I.S.S. organization committee since 2015.

Motivation

She is looking forward to be a part of its intercultural exchange and is happy to help promoting interdisciplinary cooperation between the partner universities during this summer school.

Expectation

Kristina is convinced that the BISS will be a foundation stone of a fruitful multilevel cooperation of the universities from harbor cities and pay a significant contribution for their sustainable development.



**Name**

Frauke Kasting | President's Office

University

HafenCity University

Focus

HCU's focus on partner universities in the Baltic Sea Region is the key aspect of today's international strategy of HafenCity University, which Frauke has helped to develop from early on: Starting with the research of the university members' existing contacts, supporting the university management's establishment of the „liaison-professorship-programme“, Frauke has mainly helped to design B.I.S.S. as a constant platform of exchange for the HCU and its partners from the Baltic Sea Region by finding the fundings of the first B.I.S.S. in 2015 and setting up the B.I.S.S. organization team together with Prof. Dr. Annette Bögle.

Expectation

Today she is a constant member of the B.I.S.S. organization team, supporting the team in designing the summer school as well as in increasing the visibility of B.I.S.S. within Hamburg. As a result, the team is happy that it can announce the follow-up of the Baltic International Summer School in 2016 already.

Name

Sabrina Gieron | MSc Architecture

University

HafenCity University

Study

Sabrina studied Architecture in Hamburg, Berlin and Copenhagen. She worked on architectural projects for several years before she studied Civil Engineering in Hamburg.

Teaching

Sabrina teaches both Architecture and Civil Engineering students at HCU. Her focus lies in architectural design projects as well as the design of structures and constructions.

Motivation

She is convinced that learning from similarities and distinctions to our neighbors is elementary for the personal and collective development of a professional identity. Since the B.I.S.S. aims to install a continuous exchange of knowledge and experience, she is looking forward to observe the results of the B.I.S.S. on several levels: academic, university and non the less personal.

Expectation

Sabrina expects an inspiring workshop at the new building of HCU with a positive atmosphere and interesting and valuable results. She hopes that long lasting links will emerge on various levels during the B.I.S.S.





the B.I.S.S. mentors

Karl Eriksson | CHALMERS Gothenburg
Emanuele Naboni | DTU+KADK Copenhagen
Hanna Obracht-Prondzynska | GUT Gdansk
Kasia Urbanowicz | GUT Gdansk
Ergo Pikas | TTU Tallinn
Amelie Rost | HCU Hamburg
Hannah Jonas | HCU Hamburg
Marieke Behne | HCU Hamburg
Martin Kohler | HCU Hamburg
Kai Schramme | HCU Hamburg

The first day of the B.I.S.S. you have the chance to name three priorities with whom you want to work with as your mentor. Please hand in your three priorities together with the names of your three group-members.



**Name**

Karl Eriksson

University

Chalmers University of Technology

Study

Trained as an architect in Gothenburg and London. Over the past years my interest has subsequently been guided towards the housing question. Last year I finished my second master with a project of how to transform the much debated Robin Hood Garden estate in London, built by Alison and Peter Smithson.

Research

In my research, as well as in my everyday work, I am concerned with the processes of regeneration and how they shape our cities. How can we create beautiful and well-integrated new parts of urbanism that learn from the past but also anticipates what is yet to come?

Teaching

I am a practicing architect working for London based Karakusevic Carson Architects. Our work is part of a new wave of public driven housing, especially focusing on social housing. Working closely together with local councils, our aim is to form sustainable and well-integrated neighbourhoods that contribute to the wider city.

Motivation

It is my belief that architects – through the act of drawing – can destabilise fixed positions and find alternative and unforeseen solutions. By doing so, architecture becomes an instrument that has the ability to change society and the cities we live in.

Expectation

To test the “unforeseen solutions” and use architecture as an instrument that transforms a fragmented industrial harbour area to a well-defined urban space. This transformation and the articulation of the post-industrial/post-capitalist city is without a doubt one of the most pertinent architectural questions of today.

Name

Emanuele Naboni
BArch, Dip Arch, MPhil, PhD in Science, LEED AP

University

KADK, Institute of Architecture and Technology

Study

Principal Field of Interests: Creative Sustainable Design, Architects', Sustainable Architecture Languages, Soft and Social sustainability, Sustainable Cities, Green Buildings, Performative Façade, Sustainable Design (Strategies, Processes, Methods and Tools), Evidence Based Design, Performance Simulation, Data Visualization, Parametric Design, Building Energy Efficiency, Embodied Energy, Indoor Environment Quality, Data Monitoring, Daylighting, Outdoor and Indoor Comfort, Building Certification systems, Education in Sustainable Design.

Teaching and Research

He is, since 2010, Associate Professor at the Institute of Technology of the KADK. He teaches and researches in the field of Architectural Technology and Environmental Sustainable Design. He was a Visiting Scholar at the Center for the Built Environment, College for Environmental Design, University of California Berkeley, the Environment and Energy Technology Department at Lawrence Berkeley National Laboratory and Visiting Teacher Program at the Architectural Association in London and Nottingham University. In 2007, he was awarded his PhD in Building Science at the Politecnico di Milano and University of California, LBNL with a thesis focused on the simulation of sustainable architecture.

Motivation

Energy is the primary concern today, while in the Ecology will be the focus of the years to come. Building design will be performed with emphasis on the interrelationship of buildings with their occupants and the larger environment. This will represent a radical shift from the energy driven and carbon centred notion of sustainability that, for long, has myopically informed the design of the built environment.

Expectation

The workshop is an opportunity to design regenerative and restorative sites and buildings improving the surrounding environment such as restoring a site's natural hydrology or providing for lost wildlife and plant habitat. The design will be integrated into the natural environment and designed to improve damaged surrounding environments.



**Name**

Kasia Urbanowicz

University

Gdansk University of Technology

Study

I studied architecture at Gdansk University of Technology in Poland and at Roma Tre University in Italy. I received my Master of Architecture at GUT in 2008 where I continue my research and work on my PhD thesis.

Research

My PhD is focusing on new media and interactive technologies in public spaces and their possible role in the city renewal processes. My research interests include the potential of artistic interventions in the city spaces to influence social relations and enrich the multisensory perception of the space.

Teaching

Working as an Assistant Professor at GUT I am teaching the design studio, dealing with projects on abstract spatial forms, designing architecture and city spaces. Additionally, I am leading architectural drawing course in an art studio in Gdansk and teaching axonometry in GLA High School.

Motivation

I gained my teaching experience as a tutor, but also as a co-author and co-organizer of architectural and interdisciplinary workshops in Poland, Italy, Spain, Portugal, Belgium and Turkey. I am passionate about innovative ideas and unconventional solutions that can emerge during the workshops.

Expectation

I hope for the BISS workshop to be a possibility for all the participants to widen their horizons by gaining from the variety of ideas, cultural backgrounds, different professions and disciplines. I wish for a fruitful work, great atmosphere and lots of memories and new experiences to be collected.

Name

Hanna Obracht-Prondzyska

University

Gdansk University of Technology

Study

After my studies at the Vienna and Gdansk University of Technology I have been working in the Space Syntax Studio in Bucharest that focuses on city planning. Currently, I am working on spatial development planning for pomeranian region and the Gdansk metropolis. I see myself in between the professions of regional and urban planning.

Research

Working in the Pomeranian Office for Regional Planning allows me to manage the challenges related with spatial planning at all levels. Treating the city and its surroundings as an organism I find fascinating and currently my objectives focus on the issue of the impact of the metropolitan growth on the small towns in their region.

Teaching

I am an animator involving in academic and social projects, both international and local, what can be proven by coordinated Mentor&Student Research Lab project, during which undertaken research projects by the international teams were related to the topic of the local, but looking for answers in a globalized world.

Motivation

I like to know. I constantly need to learn new things and I am never get bored, I am focused on improving passions and interests. I like working in team and I am totally architecture-obsessed. I work with passion and enjoy both writing and discussions about the city and nights spent with projects.

Expectation

I am excited to meet enthusiastic and hard working junior architects, designers and urban planners with European experience, who like challenges and are passionate about every new project. I believe that we will have a pleasure to work together and to prove ourselves with that unusual design mission.





Name

Ergo Pikas

University

Tallinn University of Technology

Study

Ergo has a MSc degree in civil engineering with specialization in construction management from the Technion, Israel Institute of Technology. As for his second degree, he conducted a research on topic 'Development and Evaluation of BIM Education in Construction Engineering and Management Programs'. Currently, he is working at the Tallinn University of Technology as an early stage researcher working on BIM, building energy efficiency and sustainability topics. He has also established together with his colleagues a Gravicon EE LLC, providing building information modelling services. Additionally, Ergo has studied computer sciences and is currently pursuing his PhD in the joint program of Tallinn University of Technology in Estonia and Aalto University in Finland.

Research

His research interests are related with construction/production management, construction automation and computerization, and design management, more particularly lean construction and building information modelling. For his PhD, Ergo is working on developing design management framework for designing energy efficient and sustainable buildings.

Teaching

BIM I – basics of modelling and technology

BIM II – coordination of building information modelling processes

Motivation

"No one undertakes research in physics with the intention of winning a prize. It is the joy of discovering something no one knew before."

Stephen Hawking

This quote well illustrates the content of research, but more importantly, he believes what drives these discoveries is individual's deeply-held interest of understanding the workings of nature and phenomena. Simply, it is his personal curiosity of understanding how things are. Teaching is a possibility of sharing what you have learned yourself.

Expectation

I hope to meet new and motivated people from variety of fields and have fruitful discussions on developing new and innovative ideas. I believe, it is not a great possibility only for students, but mentors as well.

Name

Amelie Rost

University

HafenCity University Hamburg

Study

Architecture with main focus on urban design at University of Applied Sciences, Nürnberg
(Dipl.-Ing. (FH) Architektur)
Architecture at HafenCity University, Hamburg (Master of Arts)

Research

possibilities for inner development of cities through floating architecture

Teaching

urban design projects
different projects in urban planning
interdisciplinary design projects

Motivation

Our daily life takes place in the built up, enclosed and by humans designed spaces. To deal with the physical city, to develop and design it, has always been fascinating to me. I would like to pass on this enthusiasm.

Expectation

BISS allows students and teachers from different disciplines and countries to work on one topic. I expect a lot of interesting discussions and inspiration as well as new perspectives on familiar places due to the multicultural origin and different disciplines of the participants.

Amelie will be a satellite-mentor. She will not guide her own groups but she will be present all the duration of the B.I.S.S. long and is willing to help you during the daily MENTORS CONSULTATIONS.



**Name**

Hannah Jonas

University

HafenCity University Hamburg

Study

Architecture, focusing architectural design and theory

Research

Designing as form and method of knowledge and perception

Teaching

Architectural design and conceptual thinking

Motivation

Inspiring and every time unique process of designing

Expectation

Unexpected results

Hannah and Marieke will be a team of two mentors. Both will supervise their groups together.

Name

Marieke Behne

University

HafenCity University Hamburg

Study

BA architecture, MA architecture (HafenCity University Hamburg)

The BA study included all the usually architecture topics while the Master study focus more on interdisciplinary projects with Urban Design.

Teaching

Building and conceptual design

Motivation

The university allowed to think in a theoretical scientific way and find solutions and conceptions beyond the daily routine.

Expectation

Working in international and interdisciplinary teams is a rewarding experience for new and also experienced participants and opens up new solutions.

Hannah and Marieke will be a team of two mentors. Both will supervise their groups together.



**Name**

Martin Kohler

University

HafenCity University Hamburg

Study

Landscape architecture at Leibniz University, Hannover and South Australian University, Adelaide

Research

Open urban spaces in an comparative international perspective
Use and potential of neglected spaces in urban agglomerations
Urban photography and visual anthropology

Teaching

Urban Photography
Urban processes and Informal Planning

Motivation

the students

Expectation

Discussion and collaboration between students and teachers from many different backgrounds on one of the most distinguishing factors in Hamburg: the water-city relationship in the port area and beyond.

Name

Kai Schramme

University

HafenCity University Hamburg

Study

I graduated with a Bachelor in Civil Engineering and a Master in Architectural Engineering. Also, I did an Erasmus stopover in Stockholm. My personal interests are algorithm-generated structures and parametric design.

Research

I just got started, but my research is all about folded shell structures. I started with rigid-foldable origami structures during my Master's degree. Next, I will analyze the load-bearing capacities of more complex folds and research how the overall structure can be improved.

Teaching

I assist in holding seminars in which engineering students design structures for their first time. Also, I hold exercises to teach the load-bearing behavior of spatial and shell structures. Upcoming, I will give lessons on how to digitally design, analyze and optimize complex structures.

Motivation

I love the ability to work on projects that focus on great ideas and explore the possible. Without the requirement that everything has to be actually built, there are no restraints set by a client or the profitability. Also, the processes I work on and with have not reached the everyday economic life yet.

Expectation

I like to leave the comfort zone of my own discipline as often as possible and to get in touch with other minded people. The BISS will be a great way to meet abroad students and mentors in order to learn and share ideas.





LOGBOOK

task 1

find your project group

find three participants you can think of developing great ideas with.
these participants have to be :

- from another discipline than your own
- from another school than your own
- friendly and sympathetic

You are allowed to build up groups of 3 or 4 persons.

note their names in your LOGBOOK and fill in the sheet !



task 1

find your project group

1. group member

name

school

discipline

2. group member

name

school

discipline



task 1

find your project group

3. group member

..... name
..... school
..... discipline

possible: **4. group member**

..... name
..... school
..... discipline



LOGBOOK

task 2

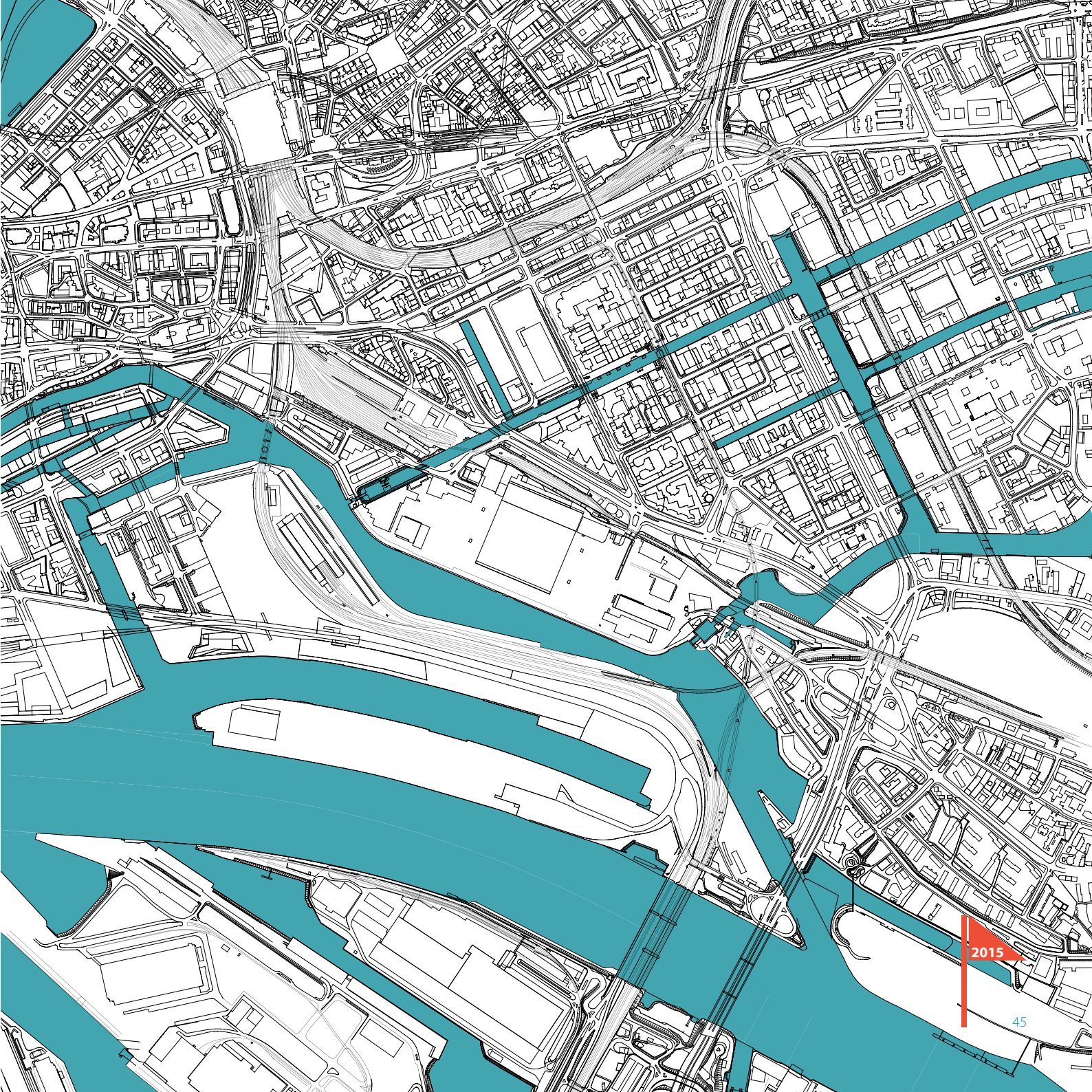
collect your finds

find four random things on your expeditions that have one or more of the following qualities:

- most ambitious
- most charming
- most controversial

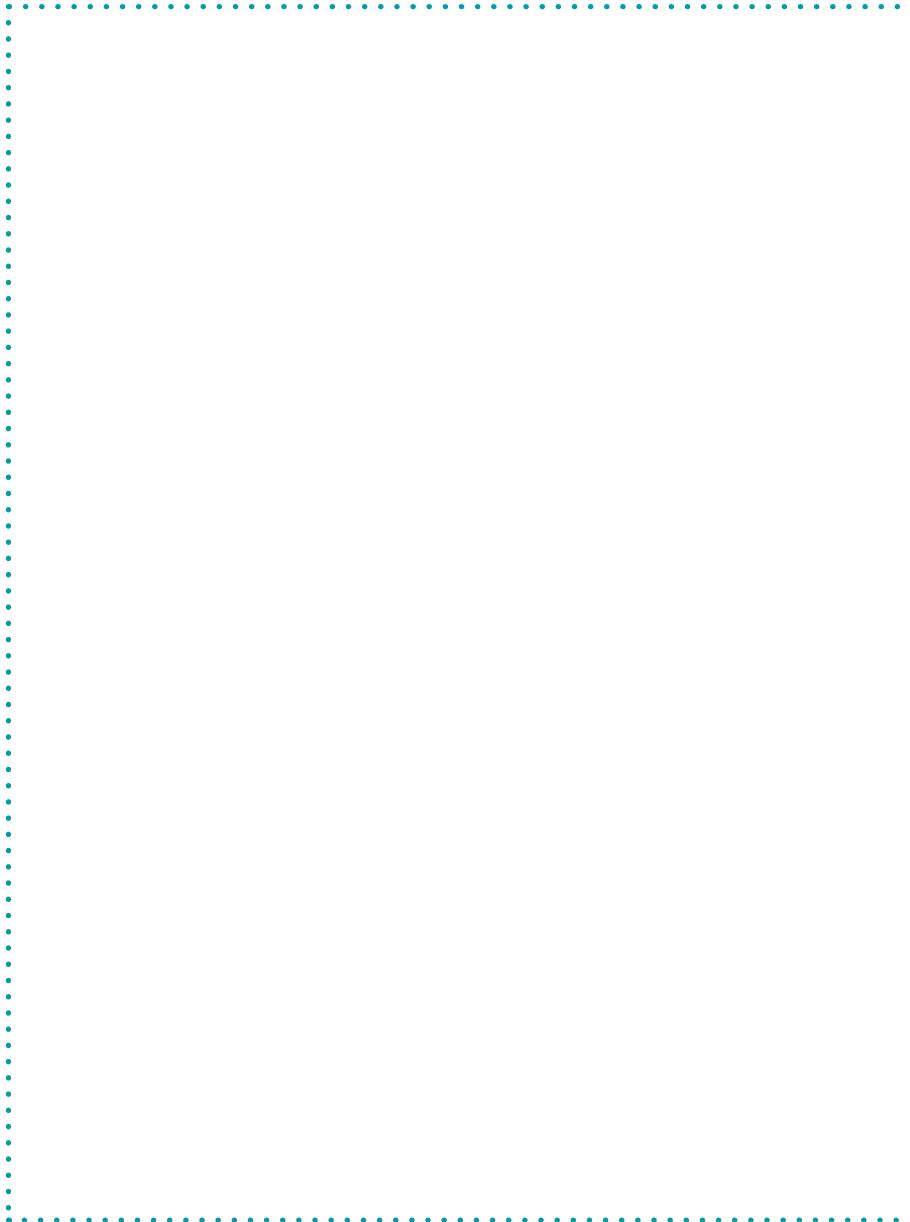
put the finds to your LOGBOOK!
it can be sketches, pictures, items ...

this task is the first to do with your project group!



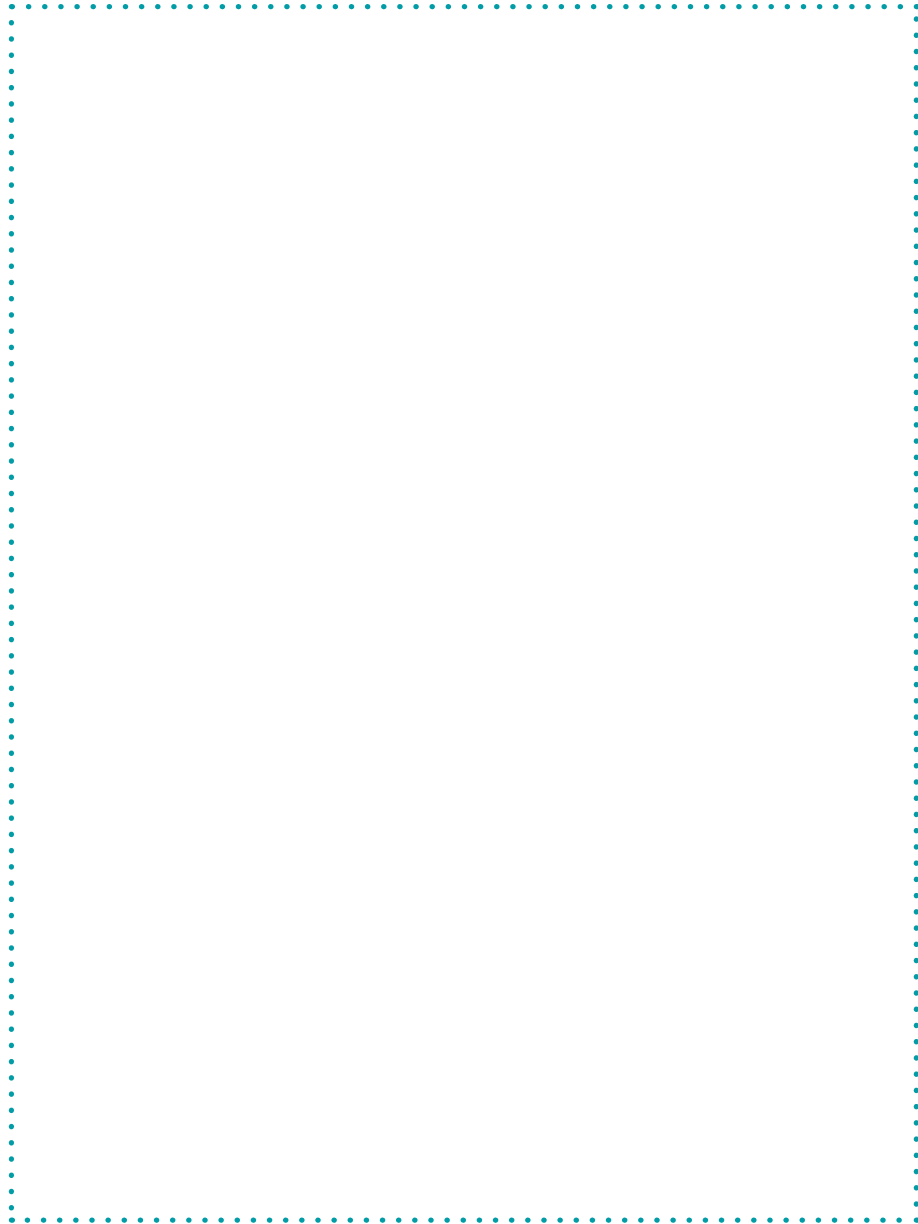
task 2

collect your finds



task 2

collect your finds





LOGBOOK

project journal

the Logbook will be part of your final presentation

day 1
Friday, August 21



day 2

Saturday, August 22



day 3
Sunday, August 23



day 4

Monday, August 24



day 5
Tuesday, August 25



day 6

Wednesday, August 26



day 7
Thursday, August 27



day 8

Friday, August 28



day 9
Saturday, August 29





LOGBOOK

the B.I.S.S. partners and participants

TEAM

Annette Bögle
Frauke Kasting
Kristina Peselyte-Schneider
Sabrina Gieron

MENTORS

Karl Eriksson | CHALMERS Gothenburg
Emanuele Naboni | DTU+KADK Copenhagen
Hanna Obracht-Prondzynska | GUT Gdansk
Kasia Urbanowicz | GUT Gdansk
Ergo Pikas | TUT Tallinn
Amelie Rost | HCU Hamburg
Hannah Jonas | HCU Hamburg
Marieke Behne | HCU Hamburg
Martin Kohler | HCU Hamburg
Kai Schramme | HCU Hamburg

KEYNOTES

Neil Thomas | atelier one
Mike Schlaich | schlaich bergemann & partner

JURY

Walter Pelka | President HCU
Annette Bögle | BISS coordinator and Professor at HCU

Ott Kadarik | Kadarik Tüür Arhitektid
Mihkel Tüür | Kadarik Tüür Arhitektid
Michael Rink | Leiter des Amtes für Landes- und
Landschaftsplanung Hamburg
and others...

EXPERTS

Morten Lund | CHALMERS Gothenburg
Karl Gunnar Olsen | CHALMERS Gothenburg
Lotte Bjerregaard Jensen | DTU Copenhagen
Olga Popovic Larsen | KADK Copenhagen
Piotr Lorens | GUT Gdansk
Bartosz Macikowski | GUT Gdansk
Justyna Borucka | GUT Gdansk
Dorota Kamrowska-Zaluska | GUT Gdansk
Andrei Vaytens | GASU St. Petersburg
Roode Liias | TUT Tallinn
Gesa Ziemer | HCU Metropolitan Culture
Michael Koch | HCU Urban Planning
Christiane Sörensen | HCU Landscape Architecture
Paolo Fusi | HCU Urban Design
Michael Staffa | HCU Architecture
Frank Wellershoff | HCU Civil Engineering
Bernd Dahlgrün | HCU Architecture
Wolfgang Dickhaut | HCU REAP

PARTICIPANTS

Chalmers University of Technology

Xianmei Hu
Zhao Wu
Linda Wäppling
Jingjing Zheng
Anton Nordfeldt
Ulrik Montnemery
Sandra Andersson
Robin Bylund
Erik Widell
Hussein Chith
Markus Gustafsson
Taivo Säwen

Gdansk University of Technology

Agata Zuchniewicz
Agnieszka Jeleniewska
Agnieszka Lula
Aleksandra Mariak
Aleksandra Talko
Bartłomiej Stankiewicz
Daria Przybyłowska
Jan Suchorzewski
Kamila Zbaska
Karolina Plata
Piotr Żelaznowski
Katarzyna Krefta
Magdalena Nowak
Stawomir Żbikowski

Aalto University

Heidi Seesto
Xianwen Zheng
Kalyani Kumar
Salvador Hernandez Gazga
Pooya Saremi

Technical University of Denmark

Nina Gyalokay
Charlotte Kloster Haugvald
Johanne Johnsen
Anne Fassing Gade
Signe Walter

The Royal Danish Academy of Fine Arts

Charlotte Ea Brandt
Max Ganter

ITMO University

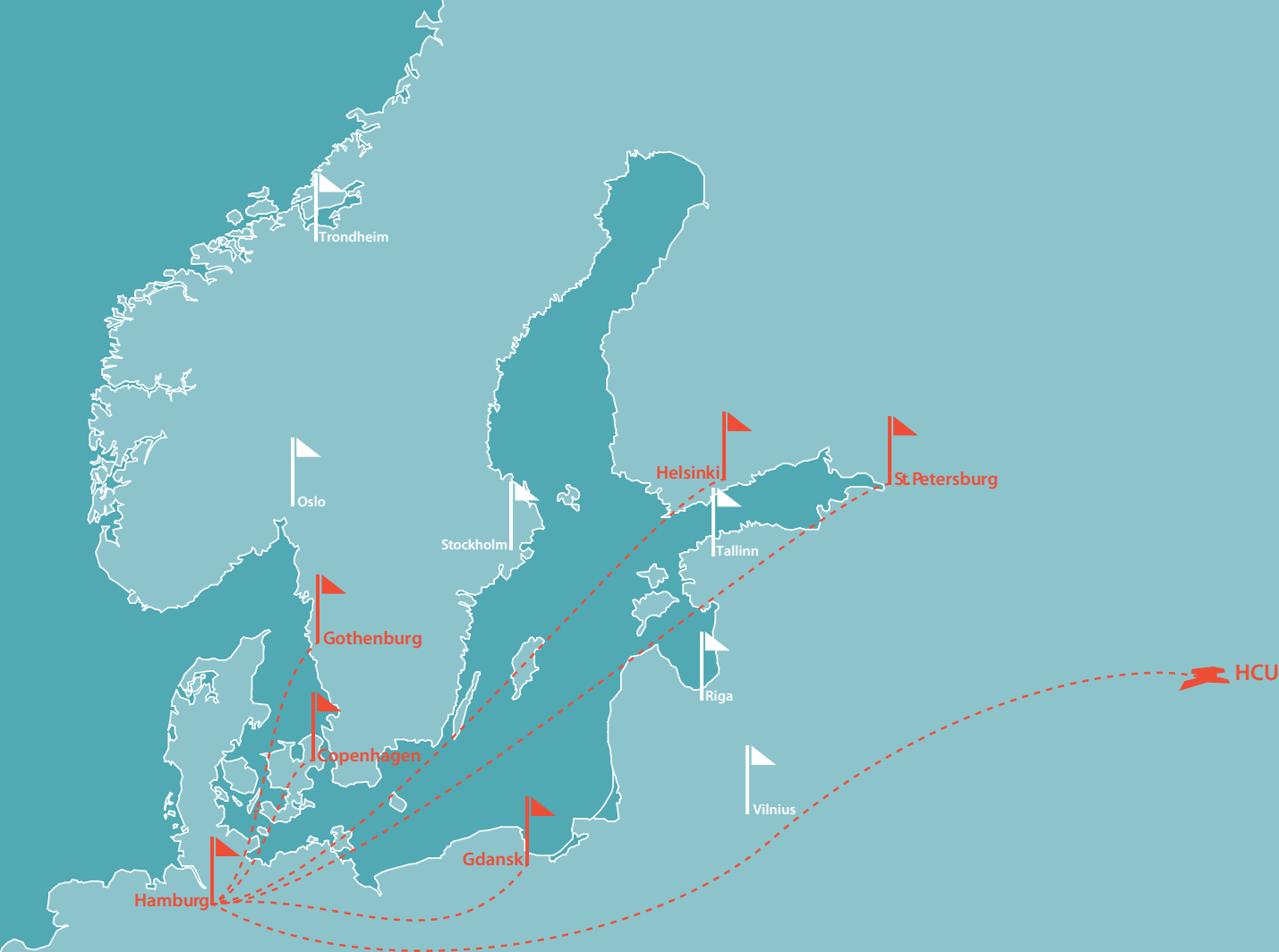
Anastasia Chubukova
Svetlana Lomp
Alekssei Gutev
Iliia Kuznetsov
Margarita Tyurina

Saint Petersburg State University of Architecture and Civil Engineering in Saint Petersburg

Vadim Klevan
Ekaterina Velichko
Raisa Sakharuk

HafenCity University Hamburg

Sophie Kuhnt
Artjom Klimaschewski
Gert Salzer
Oskar Görg
Sarah Schmidt
Katharina Heidkamp
Jana Possehn
Valeria Valladares
Lena Knoop
Albania Arrazola Guerrero
Mostafa Abdellatif
Bernadette Brunner
Anna Koch
Janna Kampers



thank you for being a part of the first B.I.S.S. !
see you at the **SECOND BALTIC INTERNATIONAL SUMMER SCHOOL 2016**

at **HCU** | HafenCity Universität
Hamburg