

# SIXTH SINO-GERMAN DIDACTICS DIALOGUE CONFERENCE

October 08<sup>th</sup> – 11<sup>th</sup>, 2024 // IPN Kiel

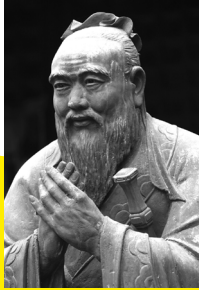
CREATIVITY, DIDACTICS,  
AND SCHOOL DEVELOPMENT



// Johann Friedrich Herbart



// Konfuzius



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## IMPRINT

IPN – Leibniz Institute  
for Science and Mathematics Education  
Olshausenstr. 62  
24118 Kiel  
[www.leibniz-ipn.de](http://www.leibniz-ipn.de)

### Conference Program Committee and Organization

Leibniz Institute for Science and Mathematics Education (*IPN, Kiel*)  
Prof. Olaf Köller, Dr. Andrea Bernholt, Heidrun Petersen, Ayla-Karen Ücgüler

East China Normal University (*ECNU, Shanghai*)  
Prof. Peng Zhengmei, Prof. Li Zhengtao, Assoc. Prof. Chen Hongyan

Carl von Ossietzky University (*CvO University, Oldenburg*)  
Prof. em. Hilbert Meyer, Prof. Barbara Moschner, Dr. Juliane Schlesier

Moderne Schule Hamburg (*MSH, Hamburg*)  
Axel Beyer, Yun Dörr, Jing Du

Institute for Quality Development at Schools Schleswig-Holstein (*IQSH, Kiel*)  
Dr. Gesa Ramm, Bettina Brandes, Cornelia Laussat

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## SIXTH SINO-GERMAN DIDACTICS DIALOGUE CONFERENCE

October 08<sup>th</sup> – 11<sup>th</sup>, 2024 // IPN Kiel

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# 08<sup>th</sup>

SCHOOL VISITS  
Tuesday, October 08<sup>th</sup>, 2024

SCHOOL	Chair/Interpreter
<b>Stiftung Louisenlund</b> 📍 Louisenlund 9 // 24357 Güby	<b>Axel Beyer</b> (MSH, Hamburg) Head of Delegation
<b>Dannewerkschule Schleswig</b> 📍 Erikstraße 50 // 24837 Schleswig	<b>Bettina Brandes &amp; Cornelia Laussat</b> (IQSH, Kiel) Head of Delegation

# 09<sup>th</sup>

Wednesday, October 09<sup>th</sup>, 2024

SCHOOL	Chair/Interpreter
<b>Gemeinschaftsschule Neumünster-Brachenfeld (IGS)</b> 📍 Pestalozziweg 5 // 24536 Neumünster	<b>Bettina Brandes &amp; Cornelia Laussat</b> (IQSH, Kiel) Head of Delegation
<b>Moderne Schule Hamburg (MSH)</b> 📍 Brödermannsweg 17 // 22453 Hamburg	<b>Axel Beyer</b> (MSH, Hamburg)

**School visits will include:** (1) talk with principals; (2) school presentation; (3) classroom attendance (1 or 2 lessons); (4) talk with members of school administration and teachers.

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## COME TOGETHER FOR CHINESE AND GERMAN MASTER OR PH.D. STUDENTS

/// **Wed Oct 9<sup>th</sup>** /// **4:30 p.m. – 6:00 p.m.** /// *Room 221 (Medienraum)*

1. Introduction by Chen Hongyan (ECNU, Shanghai) and Olaf Köller (IPN, Kiel)
2. Tandem formation of Chinese-German Master or Ph.D. students: exchange on personal research interests and identification of questions of common interest
3. Plenary session: presentation of questions of common interest and discussion of expectations for the Kiel conference

**EVENING PROGRAM ON WEDNESDAY, OCTOBER 09<sup>th</sup>, 2024**  
**7:00 p.m. – 9:30 p.m.**

Get together directly at the port of Kiel

📍 Restaurant *Der Alte Mann* // Wall 65 // 24103 Kiel // in the Kiel Maritime Museum

## CONFERENCE

**8:00 a.m. – 9:00 a.m.** Foyer (Ground Floor)

Registration

**9:00 a.m. – 9:45 a.m.** Room 10 (Hörsaal)

### OPENING AND WELCOME

**Olaf Köller**, *Managing Director of Research, IPN, Kiel*

**Peng Zhengmei**, *Institute of International and Comparative Education, ECNU, Shanghai*

**Markus Hundt**, *Vice-President of Kiel University*

### INTRODUCTION OF CONFERENCE PARTICIPANTS

**Hilbert Meyer & Barbara Moschner** (*CvO University, Oldenburg*),

**Chen Hongyan** (*ECNU, Shanghai*)

**9:45 a.m. – 10:00 a.m.**

/// Break ///

**10:00 a.m. – 10:45 a.m.** Room 10 (Hörsaal)

**Keynote: Li Zhengtao** (*ECNU, Shanghai*)

"Why Conceptual Research is Important: Building the Conceptual Cornerstone for the Construction and Development of Pedagogy"

**10:45 a.m. – 11:15 a.m.** Foyer and Room 38 (Seminarraum)

/// Group Photo & Coffee & Tea Break ///

**11:15 a.m. – 12:00 p.m.** Room 10 (Hörsaal)

**Keynote: Evelyn Kroesbergen** (*Radboud University Nijmegen/Netherlands*)

"Creative Problem Solving of Students in Elementary Schools"

**12:00 p.m. – 12:30 p.m.** Room 10 (Hörsaal)

**Discussion** Lessons learned from the two Keynotes

Chair: **Barbara Moschner** (*CvO University, Oldenburg*)

**12:30 p.m. – 1:30 p.m.**

/// Lunch /// Foyer and Room 38 (Seminarraum)

## PAPER PRESENTATION (25 min each) & POSTERSESSION

/// 1:30 p.m. – 3:30 p.m. ///

PANEL 1 Actual Development of Didactics in China	PANEL 2 Creativity Research and School Development	POSTERSESSION 1
Room 10 (Hörsaal)	Room 221 (Medienraum)	Room 214 (Computerraum)

- Ding Bangping** (*Capital Normal University Beijing*)  
"The Emerging Idea of Big Science Education: The Innovation of Policy, Practice, and Research for Transformation in Science Education in China"
- Huang Shuguang** (*ECNU, Shanghai*)  
"Cultural Survey on Reform of Chinese Education Modernization"
- Liu Hui** (*Guangzhou University, Guangzhou*)  
"A Historical Survey on the Concepts of 'Teacher Education' and 'Curriculum' in China"
- Bu Yuhua** (*ECNU, Shanghai*)  
"The Future Scenarios of Chinese Schools in Transitional Age"

- Huang Zhongjing** (*ECNU, Shanghai*)  
"China Students' Social and Emotional Skills Assessment Result and Implication for School Practice"
- Tanja Gabriele Baudson** (*Charlotte Fresenius University, Wiesbaden*)  
"Teachers' Attitudes Towards Creativity"
- Anatoli Rakhkockhine** (*University of Erlangen-Nuremberg*)  
"Creativity and Contests in School Education in China and Germany"
- Frances Hoferichter** (*University of Greifswald*)  
"Development of a Serious Game for Middle School Students to Increase Well-being, Socio-emotional Development, Creativity, and Inclusion"

- Liu Fangxin** (*Beijing Normal University*)
- Ronja Schiller** (*IPN, Kiel*)
- Bai Honghong** (*Radboud University Nijmegen*)
- Chen Danyu** (*Shandong University for Agriculture*)

Chairs  
**Deng Zongyi**  
(*University College, London*) &  
**Michaela Gläser-Zikuda**  
(*University of Erlangen-Nuremberg*)

Chairs  
**Chen Hongyan**  
(*ECNU, Shanghai*) &  
**Barbara Moschner**  
(*CvO University, Oldenburg*)

Chairs  
**Ye Xuping**  
(*Hefei University*) &  
**Hilbert Meyer**  
(*CvO University, Oldenburg*)

3:30 p.m. – 4:00 p.m.

/// Coffee and Tea Break /// Foyer and Room 38 (Seminarraum)

PAPER PRESENTATION (25 min each) & POSTERSESSION

/// 4:00 p.m. – 5:00 p.m. ///

<b>PANEL 3</b> <b>Current Directions in STEM Education</b>	<b>PANEL 4</b> <b>Basic Education and Sustainable Development</b>	<b>POSTERSESSION 2</b>
Room 10 (Hörsaal)	Room 221 (Medienraum)	Room 214 (Computerraum)
<p>1 <b>Knut Neumann</b> (IPN, Kiel) "STEM Education in Germany – Current State and Future Directions"</p> <p>2 <b>Sascha Bernholt</b> (IPN, Kiel) "Identifying Students' Learning Trajectories for Individualized Feedback and Support"</p> <hr/> <p>Chairs <b>Gu Juan</b> (Changzhou University) &amp; <b>Olaf Köller</b> (IPN, Kiel)</p>	<p>1 <b>Hu Min &amp; Gao Yuan</b> (Zhejiang Foreign Language University, Hangzhou) "Zhejiang Experience of Education for Sustainable Development"</p> <p>2 <b>Sun Yuantao</b> (Zhejiang University) "Debate of the Century: Dilemmas and Reflections on the Reform of Learn- ing-teaching Relationship in Chinese Basic Education Classrooms"</p> <hr/> <p>Chairs <b>Bu Yuhua</b> (ECNU, Shanghai) &amp; <b>Tanja Gabriele Baudson</b> (Charlotte Fresenius University, Wiesbaden)</p>	<p>P1 <b>Yu Jinshen</b> (ECNU, Shanghai)</p> <p>P2 <b>Pamela Miano</b> (Kenia/ CvO University, Oldenburg)</p> <p>P3 <b>Lucas Liebenow</b> (IPN, Kiel)</p> <hr/> <p>Chairs <b>Ding Bangping</b> (Beijing Normal University) &amp; <b>Hilbert Meyer</b> (CvO University, Oldenburg)</p>

Thursday // October 10<sup>th</sup>, 2024

**EVENING PROGRAM ON THURSDAY, OCTOBER 10<sup>th</sup>, 2024**  
7:00 p.m. – 9:30 p.m.

Dinner directly at the Kieler Förde (Baltic Fjord)  
📍 Restaurant Bootshaus 1862 // Düsternbrooker Weg 16 // 24105 Kiel

## CONFERENCE

**9:00 a.m. – 9:45 a.m. Room 10 (Hörsaal)**

**Keynote: Peng Zhengmei** (*ECNU, Shanghai*)

"Cultivating Higher-Order Skills Through the T4C Model:  
Reconstructing Dewey's Instructional Model"

**9:45 a.m. – 10:30 a.m. Room 10 (Hörsaal)**

**Keynote: Barbara Moschner** (*CvO University, Oldenburg*)

"The Future of Learning – Why Creativity Matters"

**10:30 a.m. – 11:00 a.m. Room 10 (Hörsaal)**

**Discussion** Lessons learned from the two Keynotes

*Chair: Felix Winter (Zürich/Bielefeld)*

**11:00 a.m. – 11:15 p.m. Foyer and Room 38 (Seminarraum)**

**/// Coffee & Tea Break ///**



PAPER PRESENTATION (25 min each) & POSTERSESSION

/// 11:15 p.m. – 1:15 p.m. ///

<b>PANEL 5</b> <b>Empirical Research in Creativity</b> Room 10 (Hörsaal)	<b>PANEL 6</b> <b>Creativity, Critical Thinking, and Transformative Learning</b> Room 221 (Medienraum)	<b>POSTERSESSION 3</b> Room 214 (Computerraum)
<p>1 <b>Wu Weidong</b> <i>(Zhejiang International Studies University, Hangzhou)</i> "Reconstructing of Teaching Models: An Approach of Integrating Cognition and Emotion"</p> <p>2 <b>Caroline Theurer</b> <i>(University of Würzburg)</i> "Impact of Teacher Behavior in Class on Creativity Development Throughout Elementary School"</p> <p>3 <b>Ren Ping</b> <i>(Guangzhou University)</i> "Creativity in Labor Education in China – Theoretical Approaches and Practical Challenges"</p> <p>4 <b>David Cropley</b> <i>(University of South Australia, Adelaide)</i> "New Developments in Measurement: Artificial Intelligence and Fit-for- Purpose Creativity Assessment in Schools"</p>	<p>1 <b>Hu Dingrong</b> <i>(Beijing Normal University)</i> "Chinese Cultural Interpre- tation of Curriculum and Instruction"</p> <p>2 <b>Vera Busse</b> <i>(University of Münster)</i> "In Quest of Creativity in Writing: An Analysis of Policy Documents for Teaching German and English at Secondary Schools"</p> <p>3 <b>Gu Juan</b> <i>(Jiangsu University of Technology)</i> "Elementary School Science Curriculum Pointing to the Cultivation of Creative Skills: Cases of Southern Jiangsu Province"</p> <p>4 <b>Felix Winter</b> <i>(Zürich/Bielefeld)</i> "Dialogic Learning – Creativity at the Beginning of the Teaching Unit"</p>	<p>P1 <b>Gai Pingyun</b> <i>(ECNU, Shanghai)</i></p> <p>P2 <b>Marlene Steinbach</b> <i>(IPN, Kiel)</i></p> <p>P3 <b>Chen Yanfen</b> <i>(University of Erlangen- Nuremberg)</i></p> <p>P4 <b>Kamonwan Sangkasenakul- Richter</b> <i>(University of Hamburg)</i></p>
<p>Chairs <b>Peng Zhengmei</b> <i>(ECNU, Shanghai)</i> &amp; <b>Juliane Schlesier</b> <i>(CvO University, Oldenburg)</i></p>	<p>Chairs <b>Ding Bangping</b> <i>(Beijing Normal University)</i> &amp; <b>Hilbert Meyer</b> <i>(CvO University, Oldenburg)</i></p>	<p>Chairs <b>Chen Hongyan</b> <i>(ECNU, Shanghai)</i> &amp; <b>Andrea Bernholt</b> <i>(IPN, Kiel)</i></p>

1:15 p.m. – 2:00 p.m.

/// Lunch /// Foyer and Room 38 (Seminarraum)

## PAPER PRESENTATION (25 min each) & POSTERSESSION

/// 2:00 p.m. – 4:00 p.m. ///

### PANEL 7

#### General & Subject Matter Didactics

Room 10  
(Hörsaal)

- 1 **Cheng Liang** (*ECNU, Shanghai*)  
"Revisiting "Jiaoxue" as a Chinese Concept"
- 2 **Michaela Gläser-Zikuda** (*University of Erlangen-Nuremberg*)  
"Emotional Aspects of Learning and Teaching"
- 3 **Deng Zongyi** (*University College London*)  
"Comparative Insights in General Subject Matter Didactics"
- 4 **Volker Frederking** (*University of Erlangen-Nuremberg*)  
"General Subject Didactic. Theoretical and Empirical Implications Using the Example of Digital Sovereignty"

### POSTERSESSION 4

Room 221  
(Medienraum)

- P1 **Xie Yuqi** (*ECNU, Shanghai*)
- P2 **Laura Wölck** (*IPN, Kiel*)
- P3 **Zhang Linjie & Ma Chenzheng** (*University of Vienna*)
- P4 **Marjolein Jacob** (*Freiburg/CvO University, Oldenburg*)

### POSTERSESSION 5

Room 214  
(Computerraum)

- P1 **Qiao Hui** (*ECNU, Shanghai*)
- P2 **Laura Ohmes** (*CvO University, Oldenburg*)
- P3 **Wang Chenya** (*ECNU, Shanghai*)
- P4 **Zheng Lili** (*University of Hamburg*)

Chairs

**Chen Hongyan** (*ECNU, Shanghai*) &  
**Olaf Köller** (*IPN, Kiel*)

Chairs

**Gu Juan** (*Jiangsu University of Technology*) &  
**Juliane Schlesier** (*CvO University, Oldenburg*)

Chairs

**Ren Ping** (*Guangzhou University*) &  
**Felix Winter** (*Zürich/Bielefeld*)

## CLOSING SESSION

**4.00 p.m – 4.30 p.m. Room 10 (IPN-Hörsaal)**

Perspectives of Sino-German Cooperation in General Didactics,  
Subject Matter Didactics, and Research of Teaching and Learning

**Olaf Köller** (*IPN, Kiel*)

**Peng Zhengmei** (*ECNU, Shanghai*)

**Evelyn Kroesbergen** (*Radboud University Nijmegen/Netherlands*)

**Ye Xuping** (*Hefei University*)

## STIFTUNG LOUISENLUND

With the new Learning and Research Center and the Acacia Ring, students experience ultra-modern learning and living environments. The bright rooms are tailor-made for the new Louisenlund pedagogy. Open learning spaces, flexible seminar rooms, and modern laboratories characterize the Learning and Research Center. These different learning spaces are the interior design counterparts to the elements of the new Louisenlund pedagogy. With this new form of learning in Louisenlund, the traditional classroom and conventional school lessons have given way to learning in modules, studio times, seminars, and laboratory times.

Further information: <https://www.louisenlund.de/en>

📍 **Stiftung Louisenlund // Louisenlund 9 // 24357 Güby**

Head of Delegation: Axel Beyer (*MSH, Hamburg*)

*There is a bus transfer between Unique by ATLANTIC Hotels Kiel/B&B Hotel Kiel-Wissenschaftspark and Stiftung Louisenlund.*

## DANNEWERKSCHULE IN SCHLESWIG

Students at the Dannewerk School are taught in a differentiated way in all subjects. Within a "music score" framework, the major quarterly topics are coordinated in all class levels and subjects. A double staffing of teaching positions makes additional support for students possible. A concept for promoting talent for particularly high-achieving students has been established.

Further information in German: <https://www.dannewerkschule-schleswig.de>

📍 **Dannewerkschule // Erikstraße 50 // 24837 Schleswig**

Head of Delegation: Bettina Brandes & Cornelia Laussat (*IQSH, Kiel*)

*There is a bus transfer between Unique by ATLANTIC Hotels Kiel/B&B Hotel Kiel-Wissenschaftspark and Dannewerkschule.*

## GEMEINSCHAFTSSCHULE NEUMÜNSTER-BRACHENFELD

This school is still one of the largest in Schleswig-Holstein: Around 1,300 students (300 of whom at the upper secondary level) are taught by around 100 teachers of all levels. The integrated all-day school has decades of experience and established structures: The teachers do not just teach in heterogeneous learning groups; in some subjects, lessons occur in more homogeneous learning groups (courses) to cater to all learning levels. There is a student exchange program with the People's Republic of China.

Further information in German: <https://gems-brachenfeld.de>

📍 **Gemeinschaftsschule Neumünster-Brachenfeld // Pestalozziweg 5 // 24536 Neumünster**

Head of Delegation: Bettina Brandes & Cornelia Laussat (*IQSH, Kiel*)

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## MODERNE SCHULE HAMBURG

The Moderne Schule Hamburg (MSH) is the only international school in Germany where all students learn Chinese alongside German and English from pre-school to the Abitur (the German school leaving certificate that qualifies students for higher education). Chinese lessons at this age are unique in Germany. The school aims to teach Chinese skills (language, culture and everyday life, etc.) in various ways.

Further information: <https://www.moderne-schule-hamburg.de/en>

📍 **Moderne Schule Hamburg, Brödermannsweg 17, 24536 Hamburg**

Head of Delegation: Axel Beyer (*MSH, Hamburg*)

*There is a bus transfer between Unique by ATLANTIC Hotels Kiel / B&B Hotel Kiel-Wissenschaftspark and Moderne Schule Hamburg.*

## SCHEDULE OF THE SCHOOL VISITS

On October 8<sup>th</sup> and 9<sup>th</sup>, 2024, there will be a shuttle bus service between the hotels unique by ATLANTIC Hotels Kiel / B&B Hotel Kiel-Wissenschaftspark and the schools to be visited. The respective departure times for the outward and return journey can be found in the timetable below. A free lunch in the school canteen is included in the school visit times.

### **BUS TRIP 1 // Tuesday, October 08<sup>th</sup>, 2024**

#### **Stiftung Louisenlund and Dannewerkschule Schleswig**

- 08:10 a.m.      unique by ATLANTIC Hotels Kiel
- 08:30 a.m.      B&B Hotel Kiel-Wissenschaftspark
- 09:30 a.m.      Stiftung Louisenlund
- 10:00 a.m.      Dannewerkschule Schleswig
  
- ← 01:30 p.m.      Dannewerkschule Schleswig
- ← 02:00 p.m.      Stiftung Louisenlund
- ← 03:00 p.m.      B&B Hotel Kiel-Wissenschaftspark
- ← 03:20 p.m.      unique by ATLANTIC Hotels Kiel

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### **BUS TRIP 2 // Wednesday, October 09<sup>th</sup>, 2024**

#### **Gemeinschaftsschule Neumünster-Brachenfeld**

- 08:10 a.m.      B&B Hotel Kiel-Wissenschaftspark
- 08:30 a.m.      unique by ATLANTIC Hotels Kiel
- 09:30 a.m.      Gemeinschaftsschule Neumünster-Brachenfeld
  
- ← 01:30 p.m.      Gemeinschaftsschule Neumünster-Brachenfeld
- ← 02:30 p.m.      unique by ATLANTIC Hotels Kiel
- ← 02:50 p.m.      B&B Hotel Kiel-Wissenschaftspark

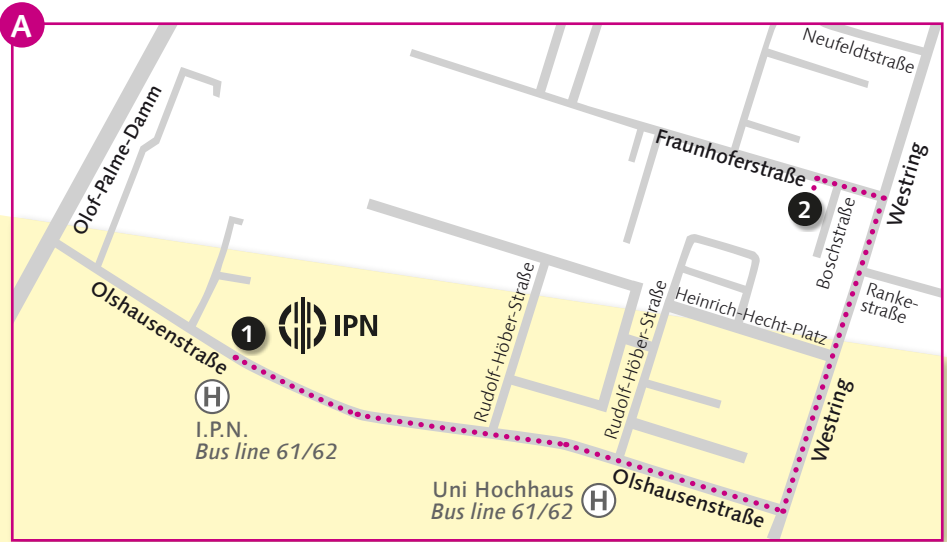
## FURTHER INFORMATION // SCHEDULE OF THE SCHOOL VISITS

Sixth Sino-German Didactics Dialogue Conference, 2024

### **BUS TRIP 3 // Wednesday, October 09<sup>th</sup>, 2024**

#### **Moderne Schule Hamburg**

- **08:20 a.m.** B&B Hotel Kiel-Wissenschaftspark
- **08:40 a.m.** unique by ATLANTIC Hotels Kiel
- **10:00 a.m.** Moderne Schule Hamburg
  
- ← **02:30 p.m.** Moderne Schule Hamburg
- ← **03:50 p.m.** unique by ATLANTIC Hotels Kiel
- ← **04:10 p.m.** B&B Hotel Kiel-Wissenschaftspark
- ← **04:15 p.m.** IPN



- 1** IPN–Leibniz-Institut für die Pädagogik der Naturwissenschaften und Mathematik  
Olshausenstraße 62 // 24118 Kiel
- 2** B&B Hotel Kiel-Wissenschaftspark  
Fraunhoferstraße 3 // 24118 Kiel  
(near the IPN)

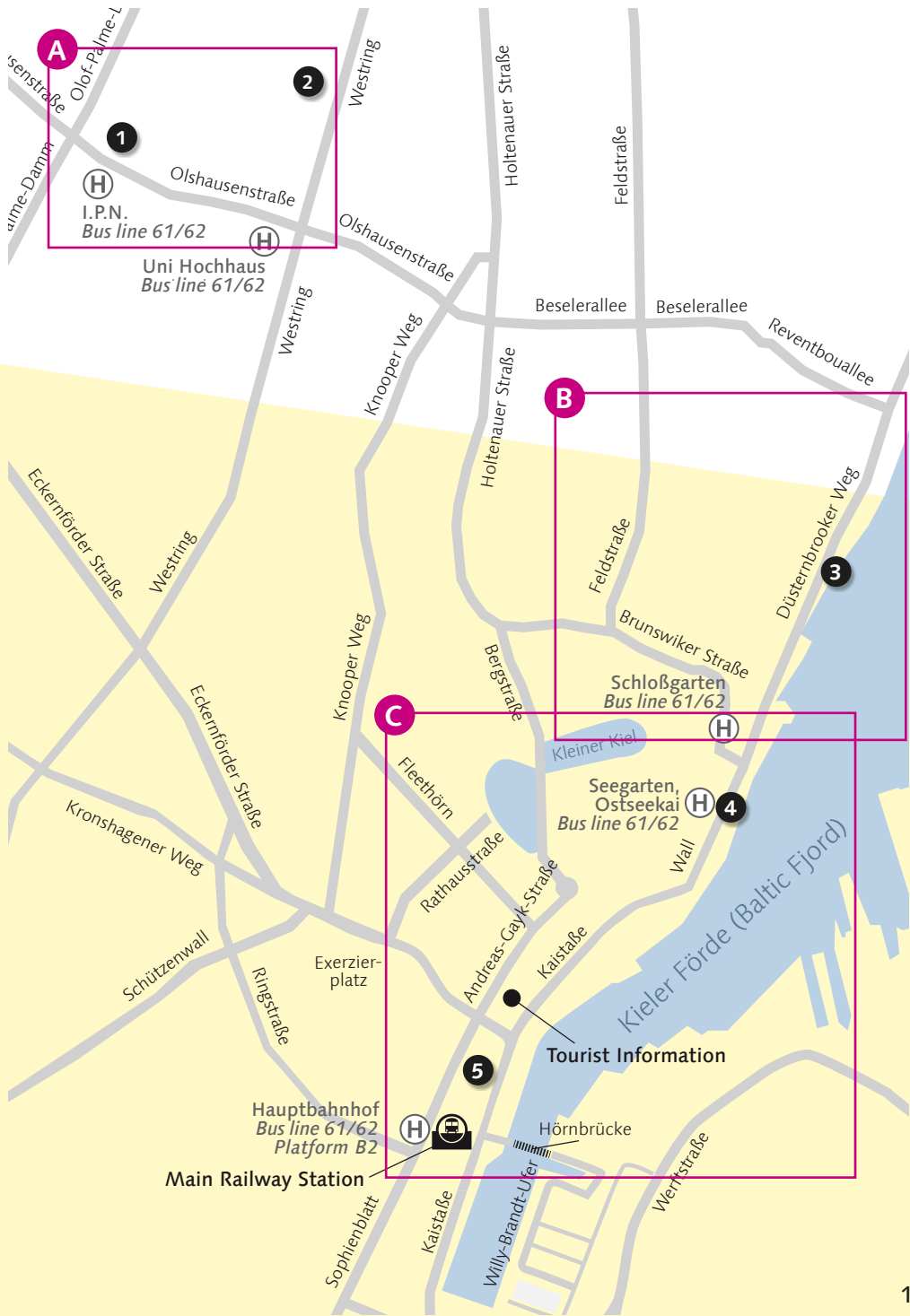


- 3** Restaurant Bootshaus 1862  
Düsternbrooker Weg 16 // 24105 Kiel

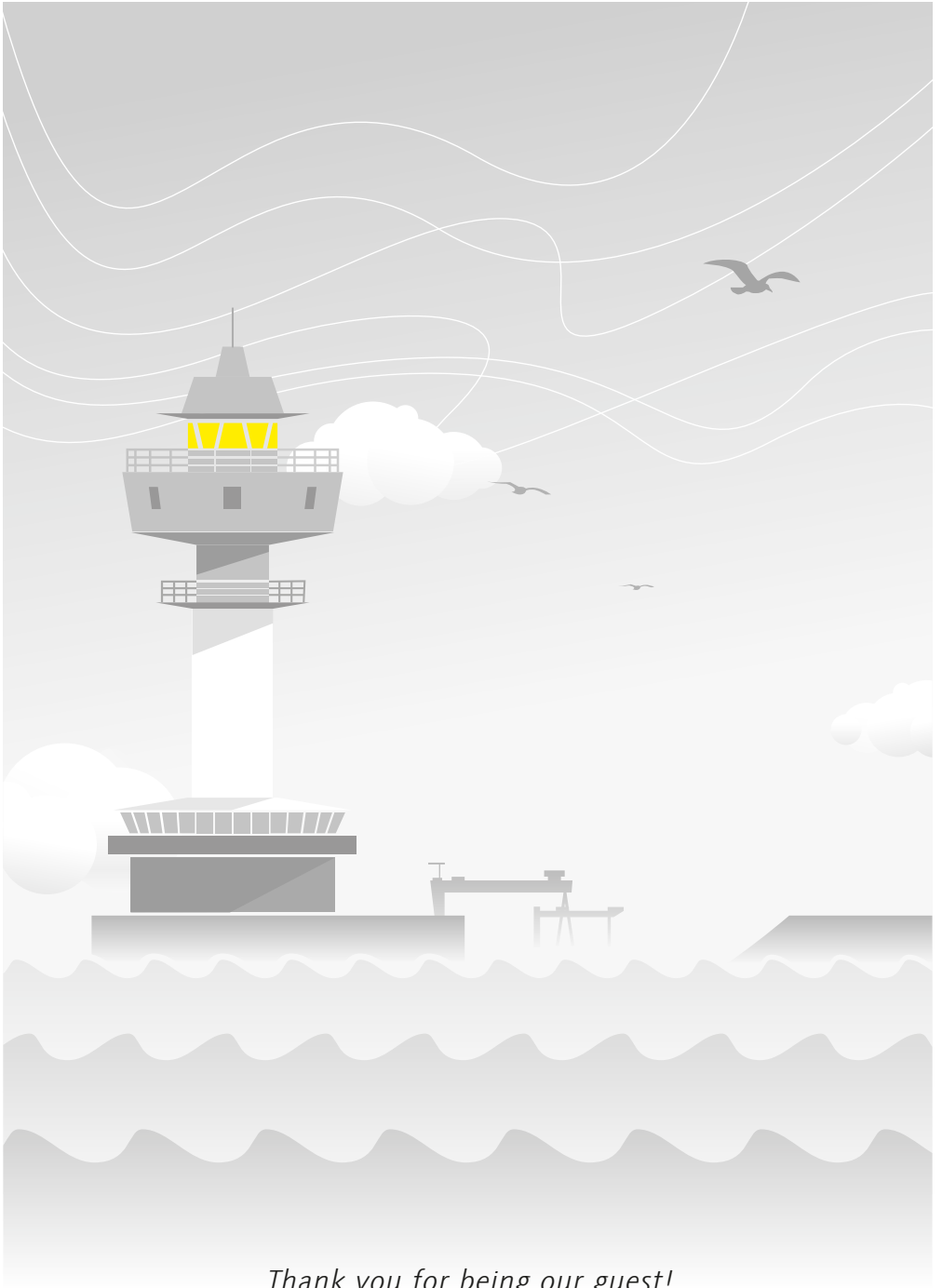


- 4** Der Alte Mann  
Wall 65 // 24103 Kiel  
(in the Kiel Maritime Museum)
- 5** unique by ATLANTIC Hotels Kiel  
Kaistrasse 30 // 24103 Kiel  
(near the main railway station)





Further Information // How to get there



*Thank you for being our guest!*



