



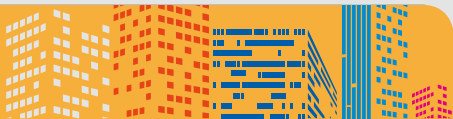
THE  
ARTIFICIAL  
INTELLIGENT  
CITY

# THE ARTIFICIAL INTELLIGENT CITY

Cities have always faced the major challenge of meeting their inhabitants' needs as well as possible. Due to an ever greater number of people moving to cities, urgent problems are increasing more than ever. There are now calls for holistic development concepts that should lead to smart cities. Under the term 'smart city' technology-based future concepts are increasingly the focus of attention. One key aspect in this context is digitisation, which triggers change in many areas of administration, business and urban society. What changes will emerge both within and due to this transformation, for instance regarding our mobility, our energy supplies and our quality of life? And what hazards are posed by the far-reaching effects of digitisation: for instance in data protection, increasing surveillance and greater vulnerability to cyber

attacks? How can cities provide safety, security and identity and at the same time address new social and cultural problems due to digital transformation?

The **22<sup>nd</sup> Karlsruhe Dialogues** will controversially discuss ways leading to the (artificial) intelligent city with international experts. How is it possible to include social trends and developments in city planning processes at an early stage ensuring sustainability? How can we recognise resource-conserving and needs-focused solutions to major challenges currently faced by cities? And how can innovatory spaces be created in which suitable solutions can be sought actively and creatively? Last but not least, we also ask which areas should – intentionally – not be affected by digitisation and optimisation in order to ensure places of refuge for the analogue and



the 'chaotic' elements that are also crucial to society. The three-day event features international participants and examines the subject from different perspectives for a broad audience in keynote addresses, discussions, and roundtables. The symposium will be accompanied by cultural events, intended to add to the analytic discourse by offering further perspectives from an artistic point of view. The programme includes a thematic film night in cooperation with the television channel ARTE and the movie theatre Schauburg

Karlsruhe, a reading and a theatre play at Badisches Staatstheater Karlsruhe (State Theatre of Baden, Karlsruhe) as well as a film contribution of the Wissenschaftsbüro (science office) of the city of Karlsruhe. The 22nd Karlsruhe Dialogues are substantially supported by the L-Bank (the development bank of the German federal state of Baden-Württemberg), as well as by the city of Karlsruhe. The ZAK wishes to express its thanks for its partners' generous support.

- MOST EVENTS WITHIN THE KARLSRUHE DIALOGUES CAN BE ATTENDED WITHOUT AN ENTRANCE FEE. WE WOULD BE VERY HAPPY TO WELCOME YOU!
- CONFERENCE LANGUAGES: GERMAN, ENGLISH; SIMULTANEOUS INTERPRETING
- SUBJECT TO ALTERATIONS

#### **PRESENTED BY:**

ZAK | Centre for Cultural and General Studies  
Karlsruhe Institute of Technology (KIT)

Registration for the opening reception as well as the reading on Sunday necessary via:  
[www.zak.kit.edu](http://www.zak.kit.edu)  
Info line: +49 (0)7 21/608-4 43 84

#### **CONCEPT AND SCIENTIFIC CONVENORSHIP:**

Prof. Dr. Caroline Y. Robertson-von Trotha

#### **ORGANISATION:**

Christine Melcher Dipl.-Angl.

**FRIDAY 2 MARCH 2018**

**OPENING EVENT OF THE 22<sup>ND</sup> KARLSRUHE DIALOGUES**

**AUDIMAX OF KIT, BUILDING 30.95,**

**STRASSE AM FORUM 1, KIT CAMPUS SOUTH**

## **WELCOME ADDRESSES**

**7.30 p.m.**

**Prof. Dr. Alexander Wanner**

Vice President of KIT for Higher Education and Academic Affairs

**Dr. Albert Käuflein**

Mayor of the City of Karlsruhe

**Dr. Axel Nawrath**

Chief Executive Officer of L-Bank

## **INTRODUCTION**

**Prof. Dr. Caroline Y. Robertson-von Trotha**

Director of the ZAK | Centre for Cultural and General Studies, KIT

## **OPENING KEYNOTE LECTURE**

**Who Owns the Smart City? The Democratic Threat of Network Urbanism**

**Leo Hollis** (United Kingdom)

Historian and urbanist, author of the book 'Cities are Good for You: The Genius of the Metropolis'



## MUSICAL PROGRAMME

### Saxophone Ensemble of Karlsruhe's University of Music

Nicole Pfaff (alto saxophone), Leonie Kistner (alto saxophone), Valentin Müller (tenor saxophone), Jonas Zilius (tenor saxophone), Gesa Amelie Petersen (baritone saxophone)

Conductor: Peter Lehel

The saxophone ensemble of Karlsruhe's University of Music, led by Peter Lehel, presents a mix of saxophone music styles ranging from classical swing by way of grooving jazz through to new interpretations of pop songs. The rich diversity of saxophone sounds is always entertaining. And the ensemble is an impressive talent showcase for the students of Peter Lehel's saxophone class.

## FILM CONTRIBUTION

### What do you consider to be an 'intelligent' city?

Interviews with Karlsruhe citizens

Film contribution of the Wissenschaftsbüro (science office) of the city of Karlsruhe

- NO ENTRANCE FEE
- REGISTRATION NECESSARY VIA [WWW.ZAK.KIT.EDU](http://WWW.ZAK.KIT.EDU).

## READING SUGGESTION FOR THE EVENT

### **DIALOGUE IN PROGRESS.**

*Wissenschaft. Kultur. Gesellschaft.*

### **Stimmen aus 20 Karlsruher Gesprächen**

Publication will be available during the event weekend at the Audimax and IHK Karlsruhe venues (book price 29 €).

# SATURDAY 3 MARCH 2018

## SYMPOSIUM OF THE 22<sup>ND</sup> KARLSRUHE DIALOGUES

SAAL BADEN AT THE CHAMBER OF COMMERCE AND  
INDUSTRY KARLSRUHE, LAMMSTRASSE 13-17

With friendly support of



Industrie- und Handelskammer  
Karlsruhe

### WELCOME ADDRESSES

9.30 a.m.

**Reinhard Blaurock**

Vice President of the Chamber of Commerce and  
Industry Karlsruhe

**Prof. Dr. Caroline Y. Robertson-von Trotha**

Director of the ZAK | Centre for Cultural and  
General Studies, KIT

### OPENING KEYNOTE ADDRESSES

— **Smart Cities – On the Way  
to a Higher Quality of Life?**

**Prof. Dr. Harald Heinrichs** (Germany)

Professor of Sustainability and Politics,  
Leuphana University of Lüneburg

— **This is the Century of the Cities –  
the Horizontal World**

**Rob van Gijssel, former MP** (Netherlands)

Former Lord Mayor of the city of Eindhoven,  
Chairman of the Intelligent Community Forum (ICF)

— **Interior Peripheries: Towards a  
Horizontal Metropolis**

**Prof. Dr. Paola Viganò** (Italy)

Professor of Urbanism, École polytechnique  
fédérale de Lausanne (EPFL), Switzerland and  
Università Iuav di Venezia, Italy

— **Sharing Economy: Workers' Rights under Threat?**

**Prof. Dr. Trebor Scholz** (USA)

Associate Professor of Culture and Media,  
The New School, New York

**LUNCH BREAK**



1.30 p.m.

- **Smart Cities: Ethos instead of Algorithm?**  
**Prof. Dr. Wolfgang Kaschuba** (Germany)  
Director of the Berlin Institute for Integration and Migration Research (BIM)
- **Cities which Sense and Respond**  
**Umberto Fugiglando** (Italy)  
Research Fellow Lead, Senseable City Lab,  
Massachusetts Institute of Technology (MIT)
- **China's Social Credit System**  
**Dr. Samantha Hoffman** (USA)  
Visiting Academic Fellow, Mercator Institute for  
China Studies (MERICS), Berlin; and Research  
Consultant, Future Conflict and Cyber Security and  
Defence and Military Analysis, International Institute  
for Strategic Studies (IISS-London)
- **SmartSantander: From the Smart City Paradigm  
to the Digital Single Market**  
**Prof. Dr. Luis Muñoz** (Spain)  
Department of Communications Engineering,  
Laboratories for R&D on Telecommunications,  
University of Cantabria
- **The Self-Actualising City**  
**Niraj Saraf** (United Kingdom)  
Innovation Lead for Urban Living, Innovate UK
- **The Dialogue Project 'Centre for Urban  
Uncertainty'**  
**Members of the project 'Centre for Urban  
Uncertainty'** (Germany)  
Developed in the course of the Schader Forum  
summer camp 2017

→ NO ENTRANCE FEE. ADMISSION ONLY AS LONG AS SEATS ARE AVAILABLE. WE HOPE FOR YOUR UNDERSTANDING.

MOVIE THEATRE SCHAUBURG KARLSRUHE,

MARIENSTRASSE 16

## ARTE FILM NIGHT

7.30 p.m.

Presentation of documentaries, short and feature films in cooperation with ARTE and the movie theatre Schauburg Karlsruhe

Provide security, ensure services and supplies, manage the digital revolution and solve social problems: how can all this be achieved? The ARTE film night focuses on the challenges facing cities and their inhabitants.

### A question of power

Increasingly, citizens are getting actively involved in their living environment. But urban transformation is determined by economic and political interests: *Wem gehören unsere Städte? (Who do our cities belong to?)*

### Interference zone

The abandoned suburb: *Peripheria A journey*

### City Guide 4.0

Traffic, energy, communication: digital technologies regulate human coexistence. *Städte der Zukunft: Smart Cities (Cities of the Future: Smart Cities)* – a look at advantages and threats

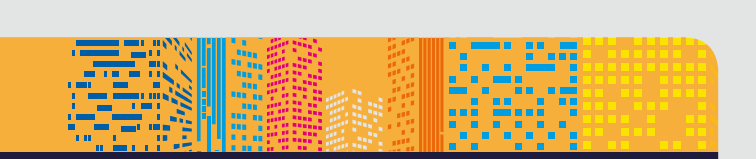
### Urban rural life

Urban agriculture and 'vertical farming': can metropolises feed their own inhabitants? *Städte der Zukunft: Die urbane Farm (Cities of the Future: The Urban Farm)*

### Street life

About personal fulfilment, double standards and dealing with prohibitions in Iran's capital: *Teheran Tabu (Teheran Taboo)*





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### A question of power

7.30 p.m. **WEM GEHÖREN UNSERE STÄDTE?**

(Who do our cities belong to?)

Documentary by Claire Laborey

ARTE France 2015, 89 min.

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### Interference zone

9.15 p.m. **PERIPHERIA**

Short film by David Coquard-Dassault

ARTE France 2015, 12 min.

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### City Guide 4.0

9.30 p.m. **STÄDTE DER ZUKUNFT: SMART CITIES**

(Cities of the Future: Smart Cities)

By Jean-Christophe Ribot

ARTE France 2014, 52 min.

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### Urban rural life

10.30 p.m. **STÄDTE DER ZUKUNFT: DIE URBANE FARM**

(Cities of the Future: The Urban Farm)

By Benoît Laborde

ARTE France 2014, 52 min.

11.30 p.m. **LATE NIGHT SNACK**

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### Street life

00.00 a.m. **TEHERAN TABU**

(Teheran Taboo)

Feature film by Ali Soozandeh

ARTE/ZDF 2016, 90 min., FSK: 16

→ FILMS SHOWN IN GERMAN

→ NO ENTRANCE FEE

# SUNDAY 4 MARCH 2018

## MORNING PANEL DISCUSSION

11.00 a.m.

SAAL BADEN AT THE CHAMBER OF COMMERCE AND  
INDUSTRY KARLSRUHE, LAMMSTRASSE 13-17

### (Artificial) Intelligent Cities of Tomorrow

**Moderation:** Markus Brock  
Moderator, 3sat and SWR

**Rob van Gijzel, former MP** (Netherlands)  
Former Lord Mayor of the city of Eindhoven,  
Chairman of the Intelligent Community Forum (ICF)

**Leo Hollis** (United Kingdom)  
Historian, urbanist and writer

**Wolfgang Mayer** (Germany)  
Former representative of the Hanns Seidel  
Foundation in Egypt, former head conservator of the  
state capital Stuttgart

**Élisabeth Guigou** (France) tbc  
Former French minister, President of the Anna Lindh  
Foundation

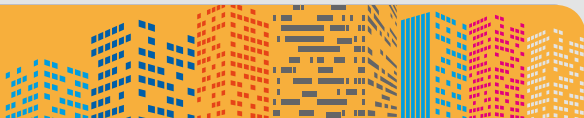
### READING

3.00 p.m.

STUDIO, BADISCHES STAATSTHEATER KARLSRUHE,  
HERMANN-LEVI-PLATZ 1

**Prof. Dr. Stephan Porombka**  
Es ist Liebe

We are living in a new age of romanticism. The social media artist Stephan Porombka challenges us to rediscover love. People don't write love letters any more? Not true! Stephan Porombka tells stories of love in the 21st century – and proclaims a new romantic revolution. As an Internet artist, professor and sought-after speaker on digitization themes, he experiments with the new possibilities of communication by smartphone. Our relationships are



changing radically because of the Internet, we all have more contacts now than ever before. Stephan Porombka shows how beautiful digital encounters can be if we approach love in a creative way. His book is an attractive and also inspiring pamphlet for the digital present.

- NO ENTRANCE FEE
- REGISTRATION NECESSARY VIA [WWW.ZAK.KIT.EDU](http://WWW.ZAK.KIT.EDU).
- THE READING IS IN GERMAN.

## THEATRE

STUDIO, BADISCHES STAATSTHEATER KARLSRUHE,  
HERMANN-LEVI-PLATZ 1

### Angriff auf die Freiheit

Adapted from work by Juli Zeh and Ilija Trojanow,  
directed by Patrick Wengenroth

Theatre play with following discussion

The monitoring and control of all areas of life by the state and by commercial enterprises has already become reality. Whether we surf the Internet, wait for a train or pass through both public and private spaces, our actions are recorded, assessed and networked. Because the fight against terror is declared a war and so delusionally suggests that we are in a state of emergency, we often accept the creeping curtailment of our civil rights without any great protest. What are the political and moral dangers resulting from our lax attitude to basic rights? Drawing on the polemics of Zeh and Trojanow as well as many songs, Patrick Wengenroth has composed an evening that is both critical and enjoyable.

- THE PERFORMANCE IS IN GERMAN.
- ADMISSION: 15 € / DISCOUNTED ADMISSION: 7,50 €
- TICKETS AT THE BOX OFFICE (PHONE: 0721-933 333)  
OR VIA [WWW.STAATSTHEATER.KARLSRUHE.DE](http://WWW.STAATSTHEATER.KARLSRUHE.DE)

7.00 p.m.

Durch Bevölkerungsveränderungen einerseits und neue Technologien andererseits sind Städte Prozessen des Wandels stark unterworfen. Die Karlsruher Gespräche fragen was eine intelligente Stadt ist und bringen internationale Expertinnen und Experten unterschiedlicher Disziplinen zusammen, um Chancen und Herausforderungen der neuen Smart Cities kontrovers zu diskutieren.

Das ZAK bedankt sich bei allen Mitveranstaltern und Sponsoren für ihre großartige Unterstützung!

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Due to population change on the one hand and new technologies on the other hand, cities are strongly subject to processes of change. The Karlsruhe Dialogues ask what an intelligent city is and bring together international experts of various disciplines in order to controversially discuss opportunities and challenges of new smart cities.

The ZAK is much obliged to all co-organisers and sponsors for their outstanding support. Thank you!

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Zentrum für Angewandte Kulturwissenschaft und  
Studium Generale  
Karlsruher Institut für Technologie (KIT)

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**arte**

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**BADISCHE<sup>S</sup>STAATS  
THEATER<sup>KARLSRUHE</sup>**

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**Stadt Karlsruhe**  
Wissenschaftsbüro

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