



7th European Congress of Mathematics in 2016 in Berlin

Jürg Kramer

DFG Research Center MATHEON
Mathematics for key technologies





Local organizing committee

Chair: Volker Mehrmann (Technische Universität Berlin)

- Hélène Esnault (Freie Universität Berlin)
- Martin Grötschel (Technische Universität Berlin/ Zuse Institute Berlin)
- Jürg Kramer (Humboldt-Universität zu Berlin)
- Wolfgang König (Weierstrass Institute)
- Dirk Kreimer (Humboldt-Universität zu Berlin)
- Alexander Mielke (Weierstrass Institute)
- Konrad Polthier (Freie Universität Berlin)
- Christof Schütte (Freie Universität Berlin/ Zuse Institute Berlin)
- Martin Skutella (Technische Universität Berlin)
- Caren Tischendorf (Humboldt-Universität zu Berlin)
- Günter Ziegler (Freie Universität Berlin)





Mathematical Community in Berlin

- three mathematical departments at universities (FU, HU, TU)
- Weierstrass Institute for Applied Analysis and Stochastics (WIAS)
- Zuse Institute Berlin (ZIB)
- Berlin Mathematical School (BMS)
- Research Center MATHEON
- Office of the International Mathematical Society (IMU)
- Office of the German Mathematical Society (DMV)
- more than 3.000 students of mathematics in Berlin





Berlin – a versatile city

- **History:** Berlin has had a far more chequered history than almost any other german city
- **Culture:** almost 50 theatres, among them three opera houses, around 200 museums, private collections, palaces and memorials trace historical events, provide insights into many areas of knowledge and showcase world treasures



Checkpoint Charlie



Museum Island, Bode Museum



- **Art:** approximately 440 galleries, making Berlin a major centre for contemporary art
- **Science:** more than 200,000 people teaching, studying and conducting research at one of the 4 universities, the “Charité - Universitätsmedizin“, 7 universities of applied sciences, 3 art colleges, 18 private colleges and more than 60 other research institutions



Arthouse Tacheles, Berlin Mitte



BESSY – Berlin Electron Storage Ring
Society for Synchrotron Radiation,
Adlershof



Date

July 18 – 22, 2016

(one week before International Congress on Mathematics Education (ICME) in Hamburg July 24 - 31, 2016)



Public Program

History Lectures

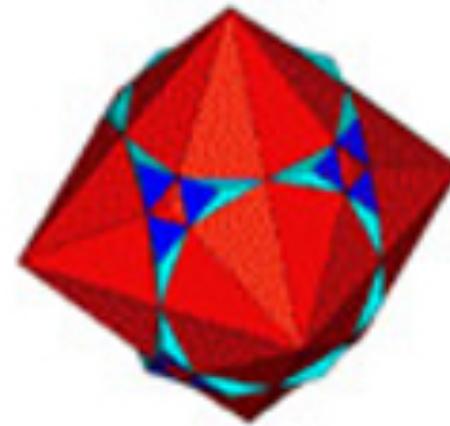
- Eberhard Knobloch: Gottfried Wilhelm Leibniz
(300. anniversary of his death)
- Gerhard Wanner: Joseph-Louis Lagrange
- Günter Ziegler: Leonhard Euler
- Jürgen Sprekels: Karl Weierstraß



Public Program

Math and Film

- Organized by Konrad Polthier





Public Program

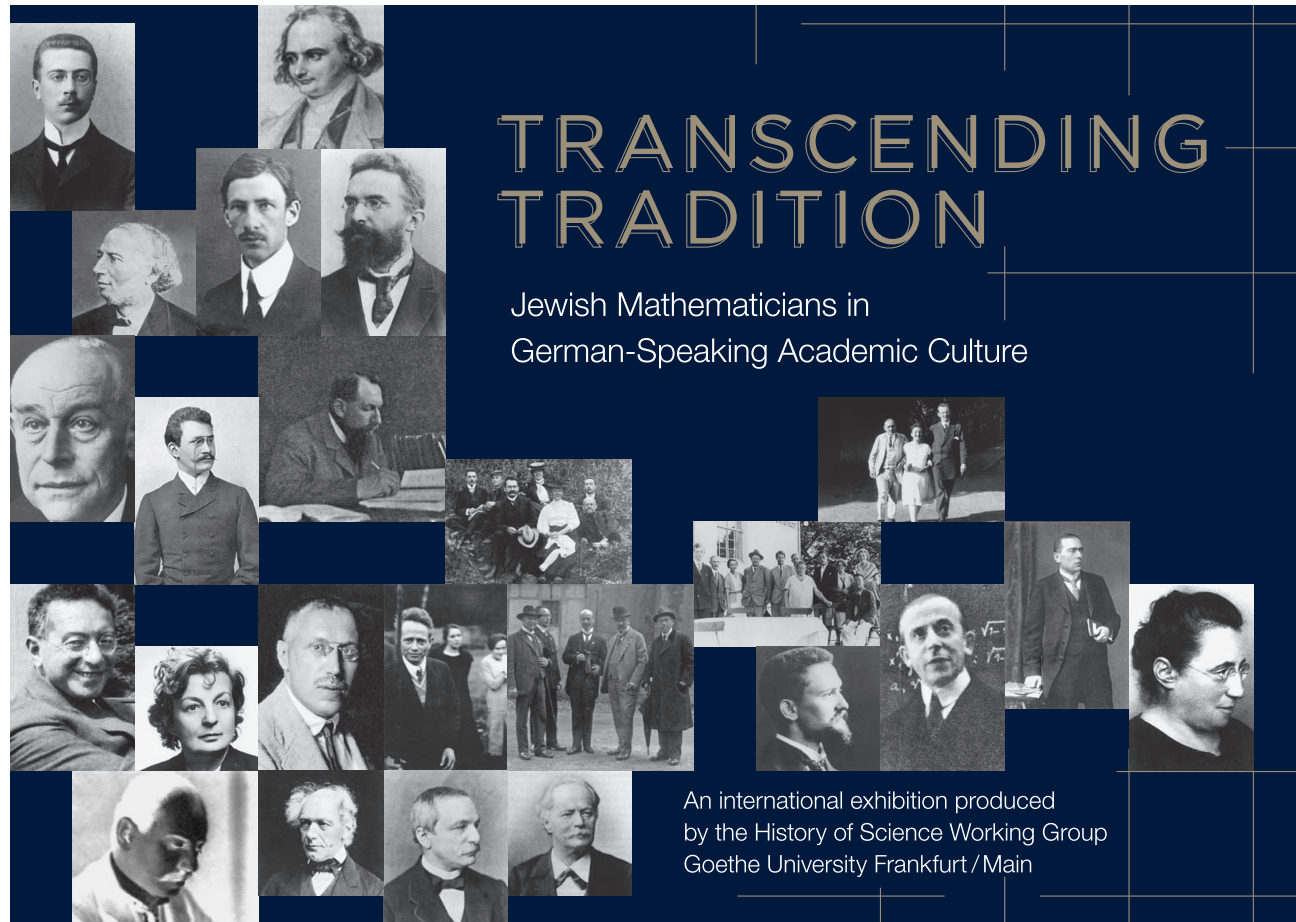
IMAGINARY Exhibition



- Shown at atrium TU Berlin
- “IMAGINARY – through the eyes of mathematics” displays visualizations, interactive installations, virtual realities, 3D objects and their theoretical background in algebraic geometry and in singularity theory in an attractive and understandable manner



Public Program



- Potentially shown at Jewish Museum Berlin



Program

- Public lectures are planned in cooperation with URANIA, a public education organization in Berlin and potentially also with the Berlin Museum of Technology
- the organizers plan to invite and organize a limited number (10) of special minisymposia on highly relevant topics



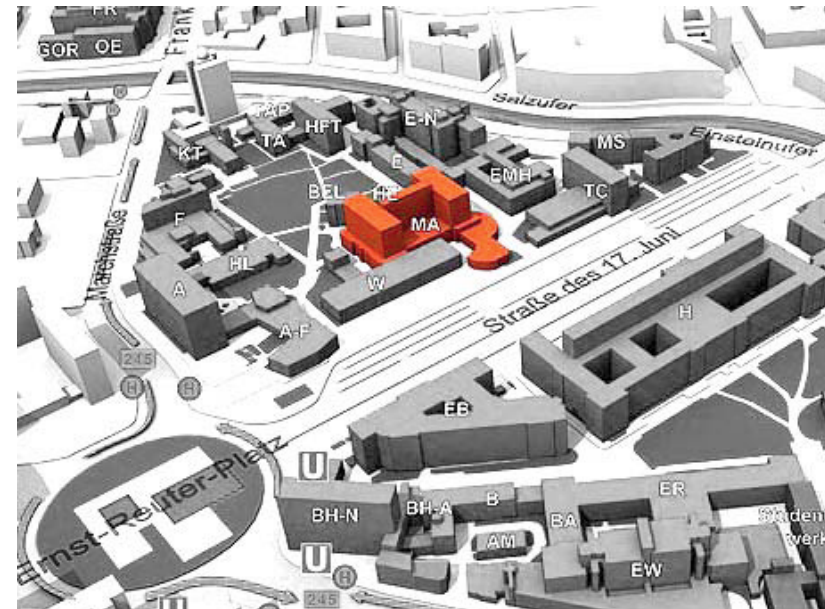
Congress venue – Technische Universität Berlin

- many large and small lecture rooms of sizes up to 1,500 participants
- situated in two buildings within 5 minutes walking distance
- atrium is a huge exhibition place – possible to host up to 40 exhibition booths

- Commitment of TU president to provide all lecture rooms and facilities necessary free of charge



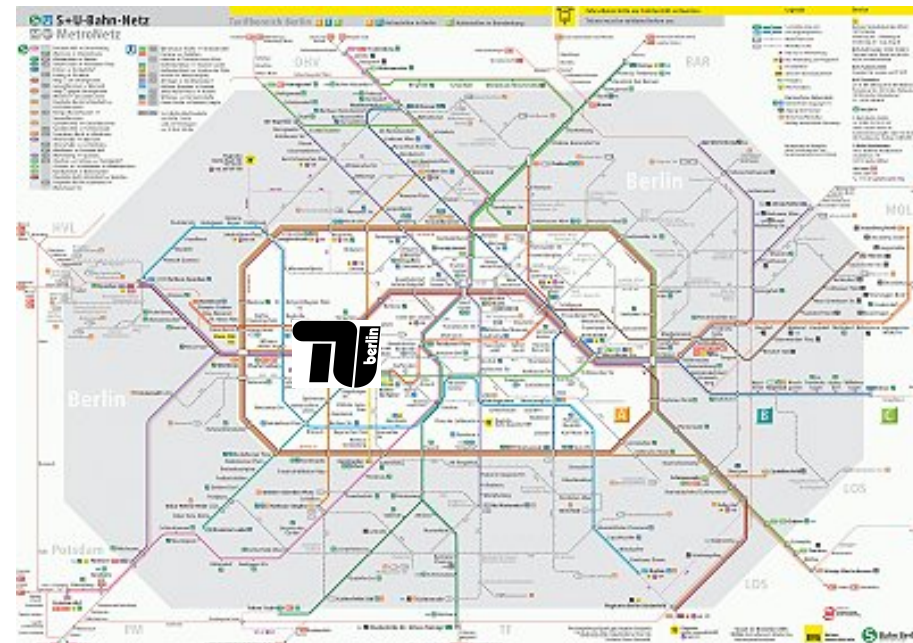
Audimax, TU





Location of TU Berlin

- in the city centre of former West Berlin
- surrounded by a large number of hotels and restaurants
- large number of student hostels in walking distance below 30 Euro
- ideally connected to public transport





Managing Partner – tubs GmbH

Event management for congresses and conventions

- since more than ten years partner to universities and knowledge-based companies in professional realisation of international congresses (e.g. handling registration of participants, process all payments)
- support the „International Symposium on Mathematical Programming „ in August 2012 in Berlin with more than 2.000 participants





Thank you for your attention