

CO@Work: from 2005 to today

Timo Berthold

TU Berlin, FICO, MODAL

Ambros Gleixner

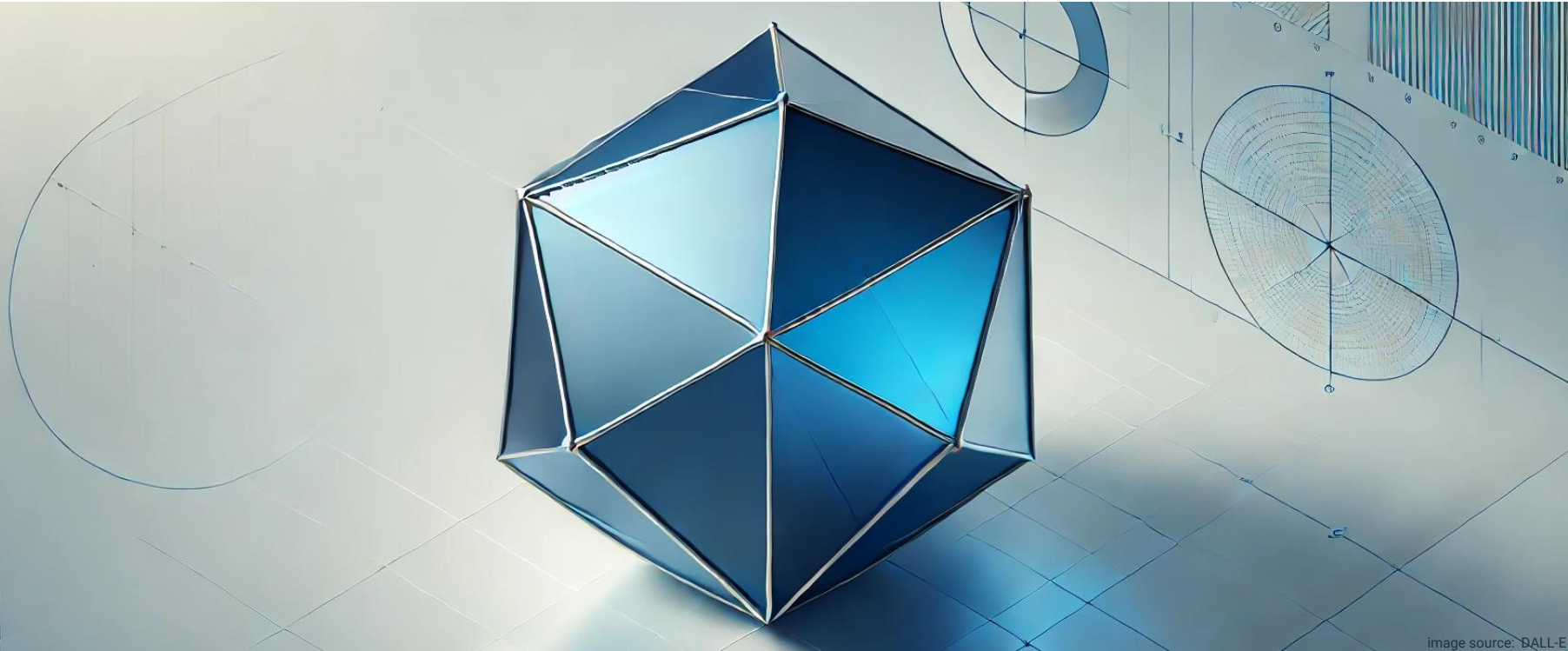
HTW Berlin, ZIB

Milena Petkovic

IKZ Berlin, ZIB

Thorsten Koch

TU Berlin, ZIB



Mission Statement:

- Optimization course, very focussed on:
 - **Computational aspects**: theory is a vehicle for enabling faster, better algorithms
 - **Industry applications**: How are things **really** done in practice
 - **Networking**: Bring together people from all over the world
connect students to leading researchers, practitioners, and decision-makers

Computational Optimization At Work



How does mathematics save our future?
The importance of mathematical modeling [...] can hardly be overestimated!

Wie rettet Mathematik unsere Zukunft?

Die Bedeutung von mathematischer Modellierung [...] kann kaum überschätzt werden!

19 years of CO@Work

2005



2009

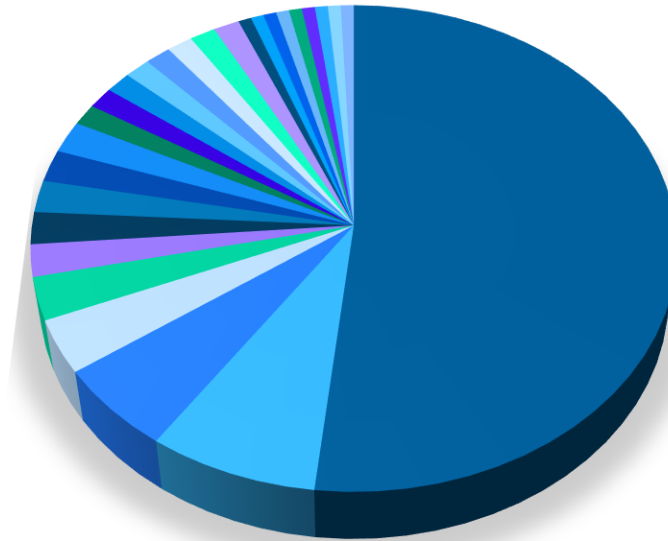


2015

CO@Work online 2020



CO@Work hybrid 2024



- 142 participants from 27 countries physically at ZIB
- 408 online participants from all over the world

CO@Work: today

Monday, 16.09.2024		Welcome and Introduction
14:30		Registration (directions)
15:30	Timo Berthold, Ambros Gleixner	CO@Work: from 2005 to today
15:40	Sebastian Pokutta	Welcome to Zuse Institute Berlin
15:50	Jens Schulz	Welcome from the German OR Society
16:00	Annika Preuß-Vermeulen	Berlin Mathematical School PhD program
16:10	Timo Berthold, Ambros Gleixner	Organization and Overview of the Summer School
16:30	Martin Grötschel	Optimization and OR: A Sketch of Historical Developments
17:30	Thorsten Koch	Data Experiment
18:00		Welcome BBQ

THANK YOU: academic institutions



THANK YOU: industrial sponsors

FICO



G A M S



GUROBI
OPTIMIZATION



THANK YOU: Speakers



Kai Hoppmann-Baum



Anna Thünen



Martin Grötschel



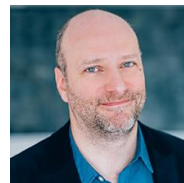
Jens Schulz



Nicole Megow



Ruth Misener



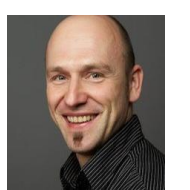
Andrea Lodi



Inci Yüksel-Ergün



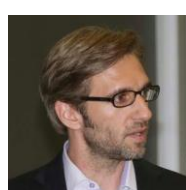
Tim Januschowski



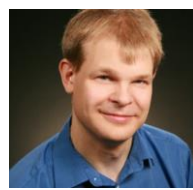
Marco Lübbecke



Ksenia Bestuzheva



Sebastian Pokutta



Marc Pfetsch



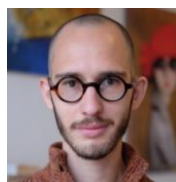
Justine Briohan



Julian Hall



Felix Hennigs



Christoph Spiegel



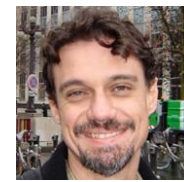
Pawel Lichocki



Niels Lindner



Ralf Borndörfer



Eduardo Uchoa

...and

many

more!

THANK YOU: CO@Teamwork



Fritz Geis, Lara Glessen, Alexander Hoen, Gioni Mexi, Bruno Viera, Mo Ghannam, João Dionisio, Christophe Roux , Ingo Meise, Shpresim Sadiku, Kartikeya Chitranshi, Yves Jäckle , Matea Miskovic, Carola Kögler, Sybille Mattrisch, Berkant Turan, Mathieu Besançon, Antonia Chmiela, Deborah Hendrych , Christoph Graczyk , Stephanie Riedmüller, Tim Kunt, Jaap Pedersen, Antje Schulz, Liding Xu, Sébastien Designolle, Suresh Bolusani, Silke Haase, Katrin Woelk, Arne Schröder

THANK YOU: In particular to the Optimization office



- Sybille Mattrisch



- Carola Kögler

THANK YOU: for being here!

Welcome to CO@Work!

A hand is holding a white card with rounded corners. The card is tilted diagonally and has the text "Welcome to CO@Work!" written on it in a bold, blue, sans-serif font. The background is a light gray gradient.