



February 15, 2021, 3-4pm

EGNATON Project – a masterplan for a sustainable project

The construction of a laboratory and research building is preceded by planning that correlates with the complexity. In accordance with the demands of the present, this means sustainable planning. The challenge lies in the implementation of the highest demands on the building technology, the provision of a communication and performance-promoting building for the laboratory users and of course their work-safety. Laboratory buildings also serve as a bridge to the public and to illustrate the client's reputation.

EGNATON has developed detailed solutions in many working groups that are intended to provide evidence of suitability and sustainability in a joint project. Therefore, the sustainable planning of a virtual building was initiated with EGNATON PROJECT. At a real research location in Martinsried near Munich, a virtual, yet extraordinary building is being created. The following representatives of an international planning team present the building.



Stephan Eckbert Borger-Anka, architect

PHRAMAPLAN (Schweiz) AG, CH-Basel

Studies

- 1982 / 1988 University of Applied Science Berlin and advanced studies at the Technische University Berlin
- 1987 Degree in Architecture
- 2016 / 2018 University of Applied Science Switzerland for advanced studies in Business Administration
- 2018 eMBA

Professional career

Practical year

- 1988 Planungsgruppe B12, D-Berlin
- 1991 / 2004 Architekten am Oranienplatz (own office), D-Berlin
- 2004 / 2009 Project Management in the NOVARTIS Campus Team in CH-Basel
- 2009 / 2013 Real Estate Development for ORASCOM's Andermatt Tourism Resort in CH-Altdorf
- 2013 / 2017 Real Estate Development University Zurich for new lab building, CH-Zürich
- 2017 / 2018 Planning Management HRS Real Estate in CH-Basel
- since 2018 Senior Specialist for Lab Design at PHRAMAPLAN in CH-Basel (former ne)



**Albert Borucki, dipl. ing. architekt
Carpus + Partner, Aachen, D**

1992 Diploma at der RWTH Aachen, discipline architecture

1992–1997 Prof. Ulrich Coersmeier, Köln/Aachen

since 1997 Carpus+Partner AG, Aachen

Albert Borucki, born in 1962, is an architect and has worked for Carpus + Partner AG as the leading architect in projects for a wide variety of major projects for over 20 years.

His work focuses on the planning of research and laboratory buildings for universities, research institutions and industry throughout Germany.

Since 2013 he has also been involved in the implementation of the BIM method at Carpus + Partner AG.



Dr. rer. nat. Ina Maria Müller, chemist

dr. heinekamp, labor-und Institutsplanung, Basel, CH

Qualifications

Certified Food Chemist
(1989) Master Degree (Food
Chemistry) (1988);

Dr. rer. nat. (Biochemistry)

University of Hamburg
(1994)

Profile

After graduating food chemistry Dr. Müller made her doctoral thesis in Biochemistry. Afterwards she went to Munich as Postdoctoral research Fellow.

Since beginning to design laboratories she collaborated in a lot of major projects with various focuses. So she gathered experiences in engineering animal housing, pharmacies and clean rooms according to GMP.

Concerning the engineering of laboratories she lectured at national and international conferences.

Business Experience

2008 - Present

General Manager

dr. heinekamp Labor- und Institutsplanung GmbH, Basel

2004 – Present

dr. heinekamp Labor- und Institutsplanung GmbH,
Karlsfeld

Authorised Representative

2003– Present

dr. heinekamp Labor- und Institutsplanung GmbH,
Senior Consultant

Since 1999

dr. heinekamp Labor- und Institutsplanung GmbH,
Project Manager

1995 – 1999

Postdoctoral Research Fellow at the Department for
Clinical Chemistry and Clinical Biochemistry, Clinical City
Centre of the University of Munich

1990 – 1994

Doctoral Thesis, Institute of Biochemistry, University of
Hamburg

1988 – 1989

Department for Chemical and Food Examination in
Hamburg

and SGS-Controll Co. m.b.H, Hamburg, Training on the
job



Miguel Antunes Pinto, architect
Pharmaarquitetos, Porto, P

Architect since 1998, began to dedicate his career to specialized projects since 2003 and became a full-time lab planner by experience since then, never losing focus from this field of Architecture.

Responsible, since 2003, for more than 70 specialized projects in science buildings, from laboratories, pharmaceutical factories, animal facilities and healthcare. Owns a certification course from the Harvard School of Public Health in Laboratory Design, Health and Safety, and many others like Cleanrooms Planning, Construction, Maintenance and Operation, by Cleanzone.

Board member of EGNATON, European Association for Sustainable Laboratories, with active participation in the Workgroup 2, including lab planners, architects, and engineers.

National and International speaker in Lab Planning main events, as the “International Lab Design Conference”, “Lab Space Design Russia and “Lab Talks”. Annual participation in exhibitions and events about these specialized markets, always in a constant search for knowledge and training.



Dr. rer. nat. Christian Voigt, diploma in biology
Drees & Sommer, Basel, CH

Already during his biology studies at the Friedrich-Schiller-University Jena and his work as a research assistant at the Ludwig-Maximilians-University Munich, Christian Voigt was able to gain practical experience in laboratories and to prove his ability to work scientifically. He has investigated signaling pathways within plant cells using genetic, molecular biological, biochemical as well as analytical methods. This knowledge provides Christian Voigt with a good understanding of the needs of later users in the planning process.

In the course of his work as project manager and planning engineer for laboratories at dr. heinekamp Labor- und Institutsplanung GmbH (2010-2017), Christian Voigt has already been able to plan various laboratories up to safety level S3, including safety equipment and media supply, as well as clean rooms, pathology areas and automatic transport systems.

Christian Voigt successfully applies his extensive experience as a project manager at Drees & Sommer Switzerland (since 2017). His focus is on projects in the life science sector, particularly in the interface between the various specialist planners, subsequent users, security experts and clients.

February 15, 2021, 4-5pm

Markus Hammes

Contradiction between Individuality and Standardization

There is a lot of talk in architecture about individual, specific solutions, unique pieces and an independent identity. At the same time, however, the standardization of construction, modularity and architecture as a product are intensively propagated, not least through new methods in planning and construction (BIM, robotics, 3D printing).

Reason enough to think about which parts of the entire process are actually affected by these topics and whether they are really opposites or whether they could also be useful additions.

The theoretical considerations on this are supplemented and checked by our own examples in the implementation of research and laboratory buildings.



• Credits: Jürgen Pollak

**Dipl.-Ing. Markus Hammes, Independent architect BDA
hammeskrause Architekten, Stuttgart, D**

To this day	Active as expert juror and author, numerous lectures
2012-2016	Chairman of the Association of German Architects (BDA), Stuttgart
2010-2014	Member of the Institutional Board of the Institute for Advanced Training in Construction of the Baden-Württemberg Chamber of Architects
Since 2012	DGNB Consultant for the construction of new laboratory buildings
2010-2012	Facilitator for process quality in the work group for research and laboratory buildings of the DGNB
Since 2001	hammeskrause architekten bda
1995-2005	Teaching assignment at the University of Stuttgart, Institute for Building Materials, Building Physics, Building Systems and Design
1995-2000	Freelancer and partner in various offices
1994	Stay in the USA
1990	One-year internship with Behnisch & Partner
1987-1993	Studies of architecture and urban planning at the University of Stuttgart
1966-1986	School years and community service in Krefeld
1964	Born in Solingen

