

WORKSHOP 01. - 05. FEB. 2016

# YOUTH FOR REUSE

EVALUATION OF SUSTAINABILITY or THE SECOND LIFE OF THE IOC HEADQUARTERS

Organized by ARCHIZOOM & EPFL\_EAST in collaboration with ROTOR Brussels & AFF architects Berlin





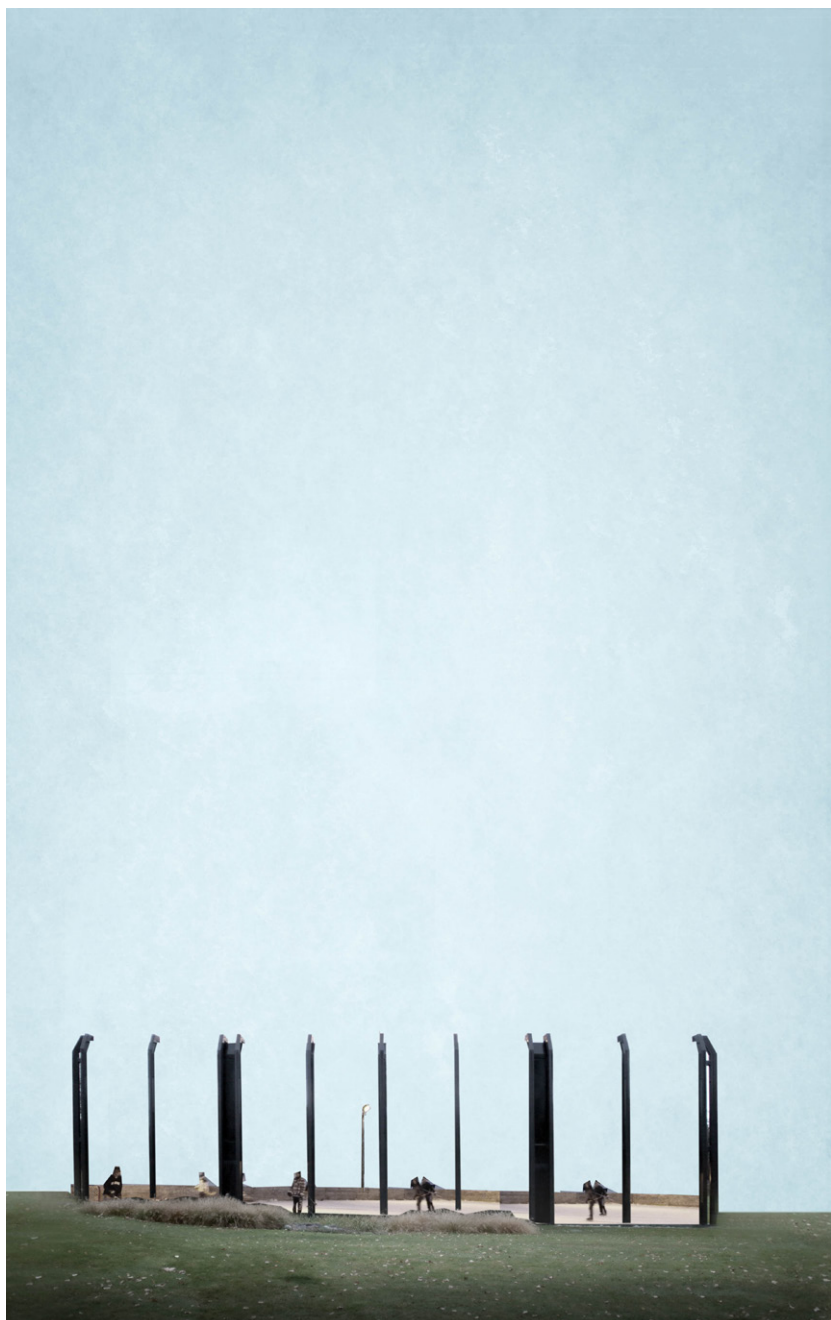
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'Reduce, reuse and recycle' affects all levels of society: the economical, social and cultural spheres. On the one hand, it is a very personal statement - a maxim of sustainability and consciousness of our ecological footprint. On the other hand, it serves as a quality label assigned to production processes and products. In architecture, this approach triggers concepts ranging from adaptation to the demolition of the built environment. Whenever existing facilities have to fulfill new requirements, interventions are necessary, such as reparation, addition, or even a new interpretation of the existing in order to assure continuity. By means of valuing what exists and by qualified and creative remodeling it is possible to express potential and qualities, as well as to provoke ideas for new solutions and scope for creativity. The existing building as inspiration for further development opens up new possibilities for architectural thinking and practice. We want to intensify this approach by means of a student workshop. The deconstruction of the IOC Headquarters offers a privileged case-study to evaluate contemporary strategies of sustainability in architecture. The spectrum of evaluation ranges from properties of materials and design, analyses of market potential and design examples of reusing matters for the development of a communication platform in order to create a market of users. The workshop will have a special focus on the potential application of reused materials for the Youth Olympic Games 2020 in Lausanne. For the workshop the EPFL-EAST invites ROTOR & AFF architects to share different practices and accumulated knowledge.

# PROGRAMME STRUCTURE

MONDAY 01.02.16	TUESDAY 02.02.16	WEDNESDAY 03.02.16	THURSDAY 04.02.16	FRIDAY 05.02.16
<div>INTRO CONTEXT + METHODOLOGY</div> <div>MATERIAL TRACKING</div> <div>LECTURE I</div>	<div>TOPIC 1 MATERIAL TRACKING / CATALOG</div> <div>TOPIC 2 NEW IOC HEADQUARTERS</div> <div>TOPIC 3 IOC GIFT</div> <div>TOPIC 4 LAUSANNE 2020</div> <div>TOPIC 5 IMAGE CONSERVATION &amp; RECYCLING</div> <div>LECTURE II</div>	<div>INTERMEDIATE CRITICS</div>	<div>LECTURE III</div>	<div>EXHIBITION PREPARATION</div> <div>EXHIBITION</div>



# PROGRAMME OVERVIEW

## MONDAY 1.2.2016

<b>GOALS OF THE DAY</b>	<b>Define goals and strategy for each project group / Research</b>	
INTRODUCTION IOC	Marie Sallois Dembreville / Thierry Tribolet	09:00 - 09:30 IOC
LAUSANNE 2020	Denis Pittet / Philippe Pont	09:30 - 10:00 IOC
BREAK		10:00 - 10:30 IOC
WELCOME EPFL_EAST	Prof Martin Fröhlich, EPFL	10:30 - 10:45 IOC
INTRODUCTION ROTOR	Renaud Haerlingen	10:45 - 11:15 IOC
INTRODUCTION AFF	Robert Zeimer	11:15 - 11:45 IOC
WORKING SESSION	Topic 1	13:00 - 18:00 IOC
LECTURE I	<b>RE-USE: La métropole zéro-déchet</b> Exposition debate "Matière grise"	18:30 - 20:00 FAR

## TUESDAY 2.2.2016

<b>GOALS OF THE DAY</b>	<b>Work phase I: Developing first project ideas</b>	
WORKING SESSION	Topics 1 - 5	08:30 - 17:00 IOC
EVENING SESSION	DAILY DEBRIEFING AFF / ROTOR	18:00 - 18:30 IOC
LECTURE II	<b>12 Acts of Demolition</b> OMA Associate, Janna Bystrykh	18:30 - 20:00 FAR

## WEDNESDAY 3.2.2016

<b>GOALS OF THE DAY</b>	<b>Work phase II: Clarify projects, intermediate critics, inputs / directions</b>	
WORKING SESSION	Topics 1 - 5	08:30 - 16:00 IOC
EVENING SESSION	DAILY DEBRIEFING AFF / ROTOR	17:00 - 18:00 IOC
INTERMEDIATE CRITICS	Presentation of first results, plans and models for invited architects, users, and clients for further use of selected materials. Guests: Denis Pittet, JP Dürig, IOC team, architecture offices from VD/VS/GE, responsible for sustainable construction at UNIL, EPFL, Ville de Lausanne and Canton de Vaud	18:00 - 20:00 IOC

## THURSDAY 4.2.2016

<b>GOALS OF THE DAY</b>	<b>Work phase III: Improving and revising projects, concepts, plans, models</b>	
WORKING SESSION	Debriefing intermediate critics ROTOR / AFF Exhibition concept ROTOR / AFF Topics 1 - 5	08:30 - 17:00 IOC
EVENING SESSION	DAILY DEBRIEFING AFF / ROTOR	18:00 - 19:00 IOC
LECTURE III	<b>Reuse and Revival of Structural Elements in Recent Architectural History</b> Prof Hartmut Frank	18:30 - 20:00 FAR

## FRIDAY 5.2.2016

<b>GOALS OF THE DAY</b>	<b>Finalizing projects, presentation of results, material collection, project ideas</b>	
EXHIBITION SESSION	Preparation and production of final exhibition Translocation of reused material	08:30 - 16:00 FAR FAR
OPENING EXHIBITION	Door opening Workshop Exhibition Official start Exhibition	16:30 FAR 17:00 FAR



ENCORE HEREX ARCHITECTS, Pavillon Circulaire Paris, 2015



# ***TOPIC 1:*** **MATERIAL TRACKING**

SPECIALISTS: ROTOR BRUSSELS  
RENAUD HAERLINGEN, BENJAMIN LASSERRE

KEYWORDS

CATALOG

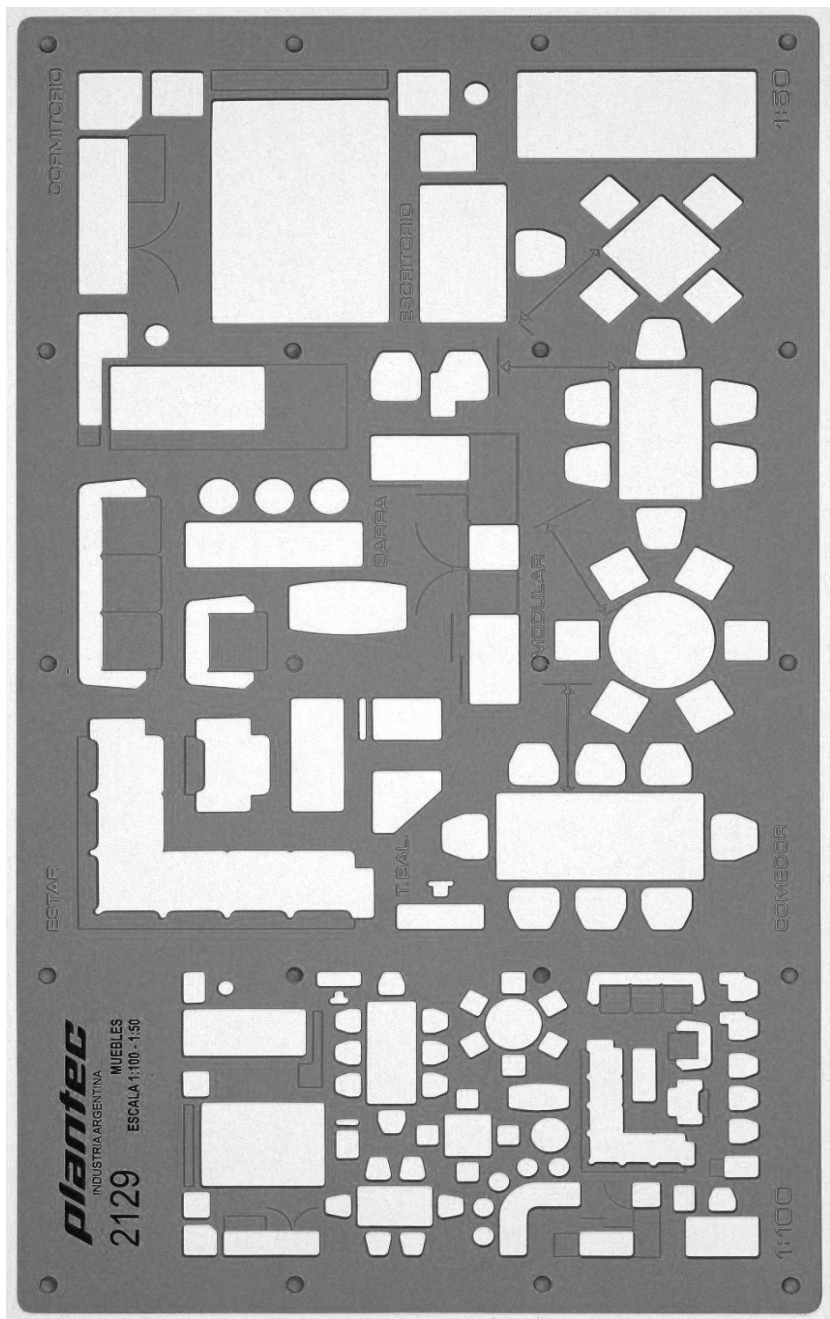
CATEGORIZING ELEMENTS

ANALYSIS DESIGN AND PRODUCTION PROCESS

CLIENTS AND PROJECTS SCOUTING

Tracking and partly dismantling the IOC Headquarters to create a catalog of reusable building elements and their specifications (quantity, quality, value, etc). Guided by ROTOR, a collective of professionals with a shared interest in the material flows in industry and construction.

Architectural drafting template



## ***TOPIC 2:*** **NEW IOC HEADQUARTERS**

SPECIALISTS: ROLAND FUHRMANN, ARTIST

### KEYWORDS

CONCEPTUAL ART

INSTALLATIONS

ANAMORPHOSIS

SYMBOLIC INTERPRETATION

HERITAGE AND SPIRIT OLYMPIC GAMES

NEW IOC HEADQUARTERS

'House inside the house' project. Just as genomes, the individual building elements of the current IOC Headquarters reappear in the new Olympic House from 3XN Architects. Set-ins as objects in the building or incorporated in the volume, they carry on the heritage and the DNA of the current IOC Headquarters.

Roland Fuhrmann, Universitas Licht-Orbiter, BTU Cottbus



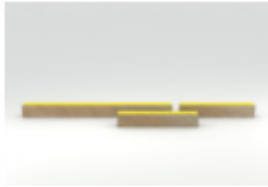
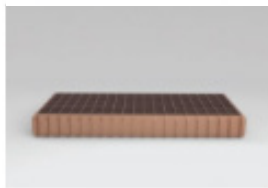
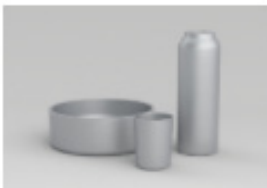
## ***TOPIC 3:*** **IOC GIFT**

SPECIALISTS: ROLAND FUHRMANN, ARTIST  
AFF ARCHITECTS, BERLIN

KEYWORDS

INDUSTRIAL DESIGN  
GIVE AWAY  
OBJECT

Developing and designing give-aways for IOC members through material exploration during the workshop.



## ***TOPIC 4:*** **LAUSANNE 2020**

SPECIALISTS: AFF ARCHITECTS, BERLIN  
ROBERT ZEIMER

KEYWORDS

SYMBOLS

PUBLIC SPACE

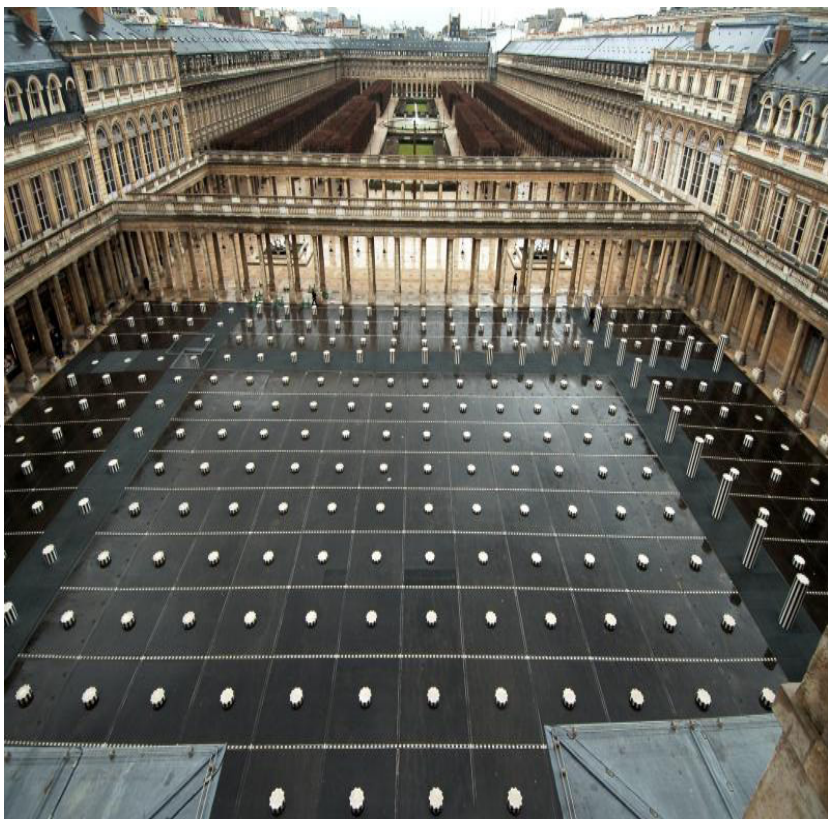
LANDSCAPE ARCHITECTURE

INSTALLATIONS

Transforming elements of the IOC headquarters into single objects and generating new icons and Olympic architectural installations. Design of symbols and objects such as stages, information centers, and infrastructural volumes, that are envisioned to be used for and after the Youth Olympic Games 2020. These may appear as single objects or integrated into a concept applied throughout the city.



Daniel Buren, Les deux plateaux, Palais Royal Paris, 1986



# ***TOPIC 5:***

## **IMAGE CONSERVATION & RECYCLING**

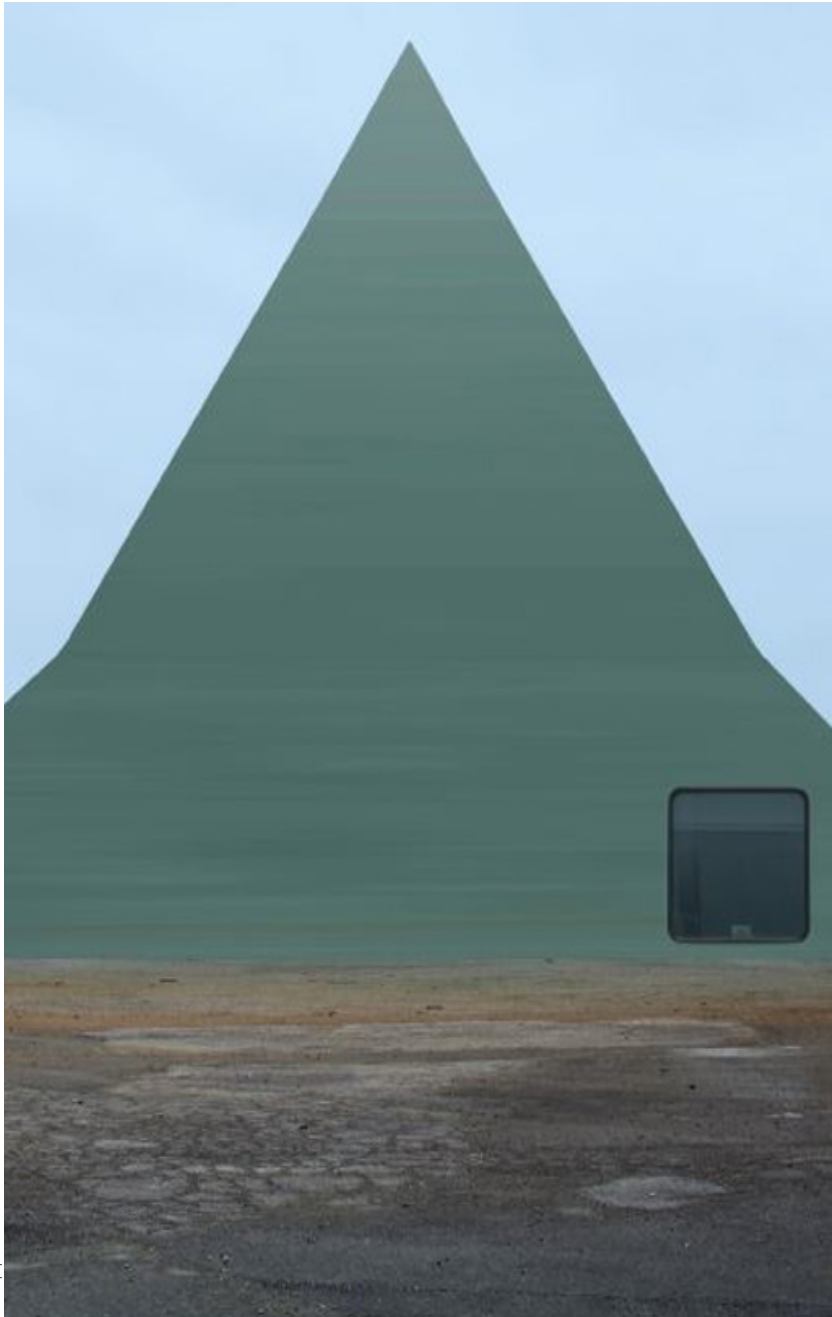
SPECIALISTS: EAST\_EPFL  
SEBASTIAN F. LIPPOK

### KEYWORDS

ARCHITECTURAL IMAGE COMPOSITION  
IDEA GENERATOR  
FORM GENERATOR  
IMAGE THINKTANK  
FICTION

Images and visualizations are used as design tools for new independent project ideas. Working with the existing building materials, the 'image recycling' work should deal with utopias and visions of future projects. A conceptual arrangement of new architectural compositions and uses.

Philipp Schaefer, Bildbauten, 2007-2009



# **LECTURE I: RE-USE**

EXPOSITION DEBATE "MATIÈRE GRISE", WITH  
JULIEN CHOPPIN, OLIVIER DE PERROT, ALEXANDER RÖMER,  
DOMINIQUE BOURG MODERATE BY YVES GOLAY

Monday 01.02.2016 1830h FAR Forum d'architectures Lausanne  
Villamont 4, 1005 Lausanne

Consommer 'plus de matière grise' pour consommer 'moins de matières premières' est l'un des enjeux de cette manifestation/exposition qui convoque l'intelligence collective pour reconsidérer la matière de nos constructions. Les architectes de l'agence Encore Heureux explorent la question du réemploi à un instant décisif où l'architecture aspire à se réinventer entre contraintes environnementales, économiques et nouveaux usages.

Exposition créée par le pavillon de l'Arsenal de Paris et accueillie au FAR grâce à un partenariat entre le FAR et l'Etat de Vaud (SIPaL–Service Immeubles, Patrimoine et Logistique).

SAMYN AND PARTNER, New headquarters of the Council of the European Union, Brussels



# ***LECTURE II:*** **12 ACTS OF DEMOLITION**

OMA, ASSOCIATE JANNA BYSTRYKH

Tuesday 02.02.2016 1830h FAR Forum d'architectures Lausanne  
Villamont 4, 1005 Lausanne

Almost by definition, demolition implies economic, political, or design failure. Now that much of the postwar built substance is reaching its prescribed critical best-before-date, along with improbable growth in Europe, demolition will inevitably become an increasing field of intellectual, cultural, and economic speculation. While there are abundant theories of construction, there seems to be a lack of theoretical understanding of demolition. What are the types of demolition? How should it be done? Who may kill your building? What is the value of a void left after demolition? Is there creativity in demolition? Is there an aesthetic of demolition?



# **LECTURE III: REUSE AND REVIVAL**

PROFESSOR HARTMUT FRANK

Thursday 04.02.2016 1830h FAR Forum d'architectures Lausanne  
Villamont 4, 1005 Lausanne

Throwaway society has little space left for a comprehensive concept of reuse of structural elements and materials of abandoned or dismantled buildings. However, in architectural history, this has not always been the case. In the past, reuse was the rule and relics of former periods have often been employed as quarries and stocks for new constructions. Some of their structural elements such as columns, lintels or capitals indeed gained symbolic value and were reused in a new context and charged with new meaning. This concept was still operative during the reconstruction of bombed cities in Europe and the Far East but lost momentum in the subsequent boom economy. It survived, nevertheless, in the squatter settlements of Third World cities and to a certain degree in European allotment gardens and North American drop-out culture. Only recently, with a new appreciation of urban and architectural history and changed ecological concerns, the idea of reusing and revaluing building elements has regained its forgotten role in architectural thinking.



Rudolf Schwarz, Annakirche, Düren



# PORTRAIT OF GUESTS

## **AFF ARCHITECTS, BERLIN**

**[www.aff-architekten.com](http://www.aff-architekten.com)**

Martin Fröhlich, Robert Zeimer

Founded in 2000, a German studio with a reputation for unconventional interventions that use raw materials, reused objects and striking topographical forms.

## **ROTOR, BRUSSELS**

**[www.rotordb.org](http://www.rotordb.org)**

Renaud Haerlingen

Founded in 2005, Rotor is a collective of professionals with a shared interest in the material flows of industrial and construction practices. On a practical level, Rotor handles the conception and realization of design and architectural projects. On a theoretical level, Rotor develops critical positions on design, material resources, and waste through research, exhibitions, writings and conferences.

## **OMA ARCHITECTS**

**[www.oma.com](http://www.oma.com)**

Janna Bystrykh

OMA is a leading international partnership practicing architecture, urbanism, and cultural analysis. OMA's buildings and masterplans around the world insist on intelligent forms while opening up new possibilities for content and everyday use. In 2015 they led a theory master class of the Berlage Institute, exploring the potential of demolition.

AFF ARCHITECTS, Schutzhütte am Fichtelberg Tellerhäuser, 2009



# PORTRAIT OF GUESTS

## HARTMUT FRANK

Professor Hartmut Frank is a german architect and architecture historian based in Hamburg and Milano. A specialist in the architectural research of archaeology and cultural history. Currently teaching as invited professor at the Politecnico di Milano.

## ROLAND FUHRMANN [www.rolandfuhrmann.de](http://www.rolandfuhrmann.de)

Roland Fuhrmann is a german artist based in Berlin. Born in 1966 in Dresden Roland Fuhrmann is for several years one of the important object artists in Germany. He first studied at Burg Giebichenstein , then at Christian Boltanski Studio at the École Nationale Supérieure des Beaux-Arts in Paris.

## GIAN SIMMEN

Gian Simmen is a swiss snowboarder. He won the first gold medal in the olympic discipline „halfpipe snowboard“ in Nagano in 1998. He lives and works in Bern.



# **EXHIBITION YOUTH FOR REUSE**

**VERNISSAGE WORKSHOP EXHIBITION**

Friday 05.02.2016 1630h FAR Forum d'architectures Lausanne  
Villamont 4, 1005 Lausanne

## **PROGRAMM**

**1630h**

**Door opening**

**1700h**

**Welcome speech**

Martin Fröhlich, EPFL\_EAST  
IOC

**1730h**

**Opening speech**

Gian Simmen, Gold medalist, Nagano 98

**1745h**

**Exhibition tours / Discussion / Aperero**



**EPFL\_EAST**

Laboratory of Elementary Architecture and Studies of Types

Anja Fröhlich | Martin Fröhlich

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