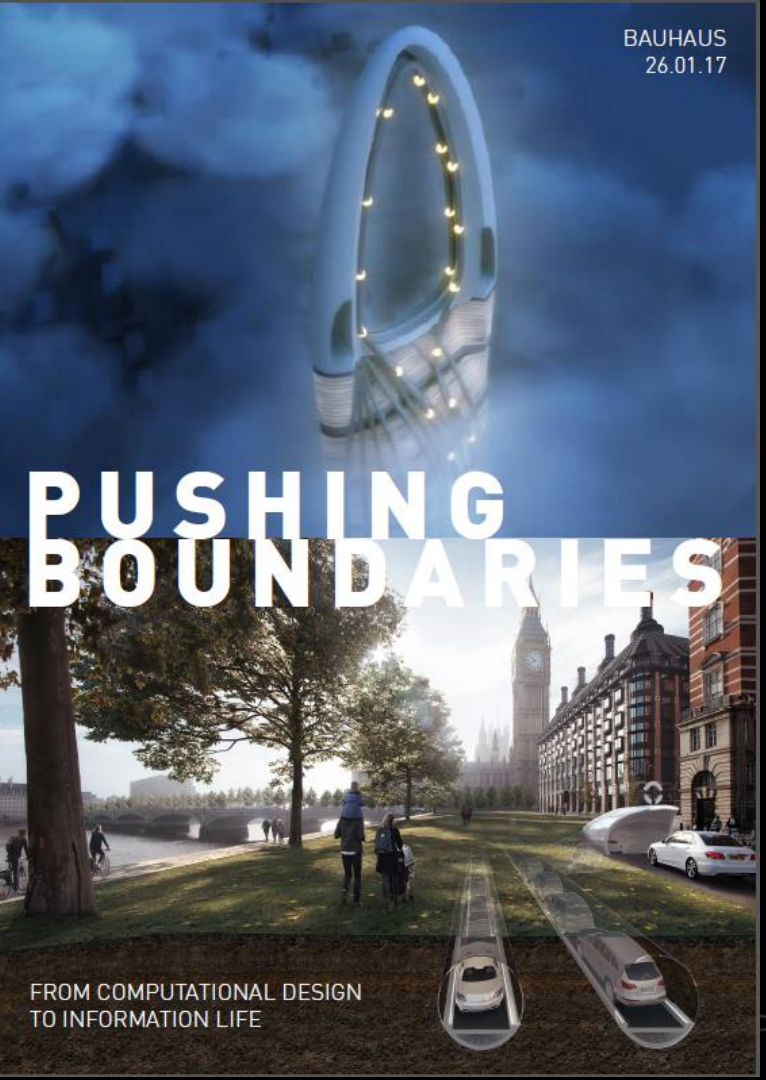


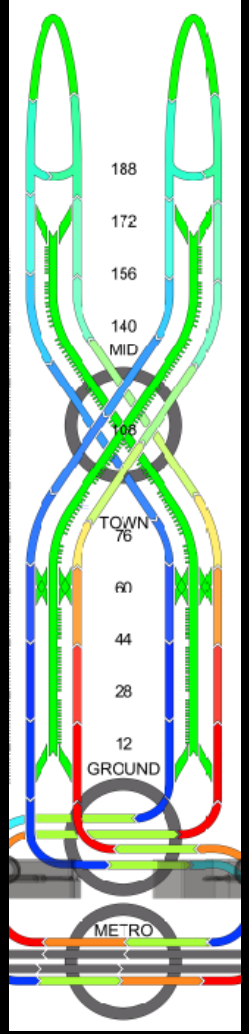
What boundaries? Of Imagination

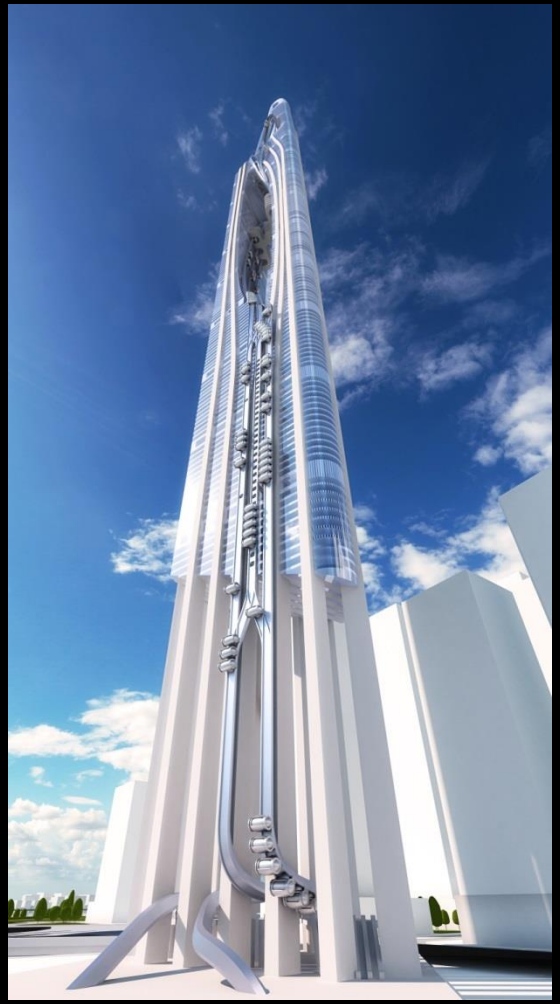
Lars Hesselgren
Director Research PLP/ARCHITECTURE
Visiting Professor
Chalmers

P/ARCHITECTURE

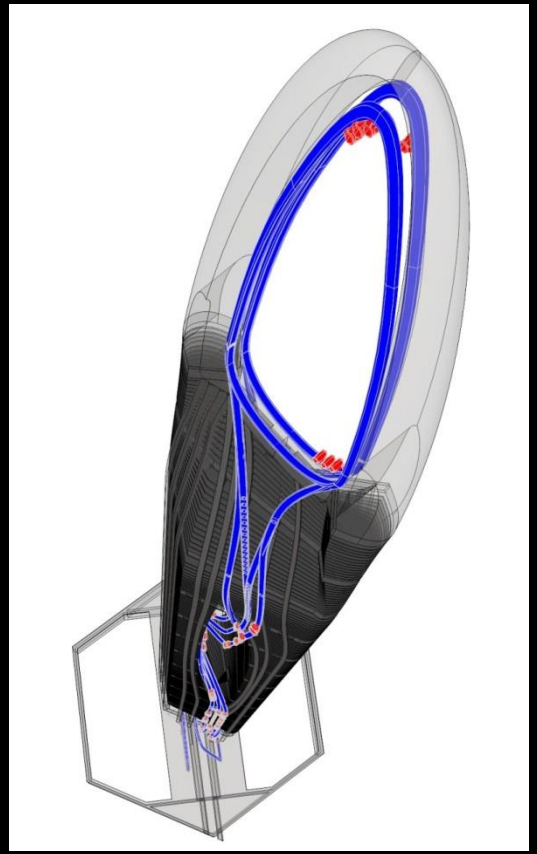

1 km
tower

Transport





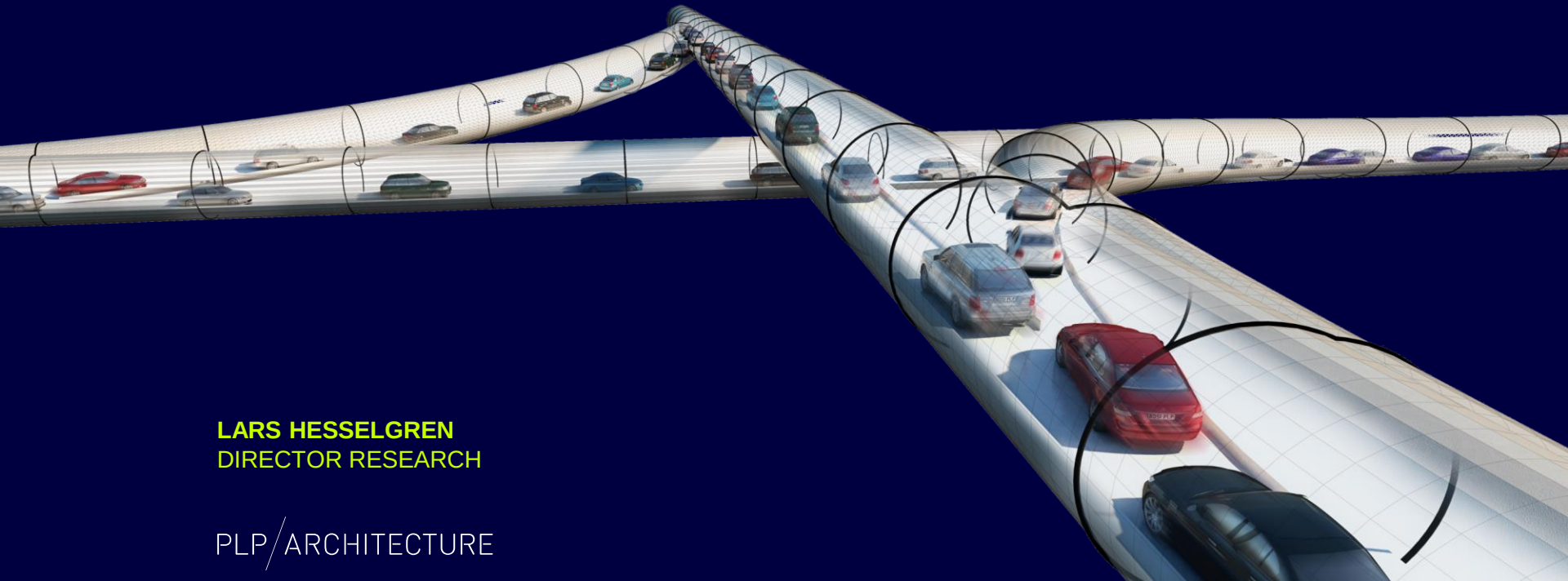
Pod 2 DoF Technology



The Crick Institute

IMAGINING THE FUTURE OF URBAN MOBILITY

WHAT IS AN IDEAL TRANSPORT SYSTEM?



LARS HESSELGREN
DIRECTOR RESEARCH

PLP/ARCHITECTURE

THE EVOLUTION OF (AUTO) MOBILITY

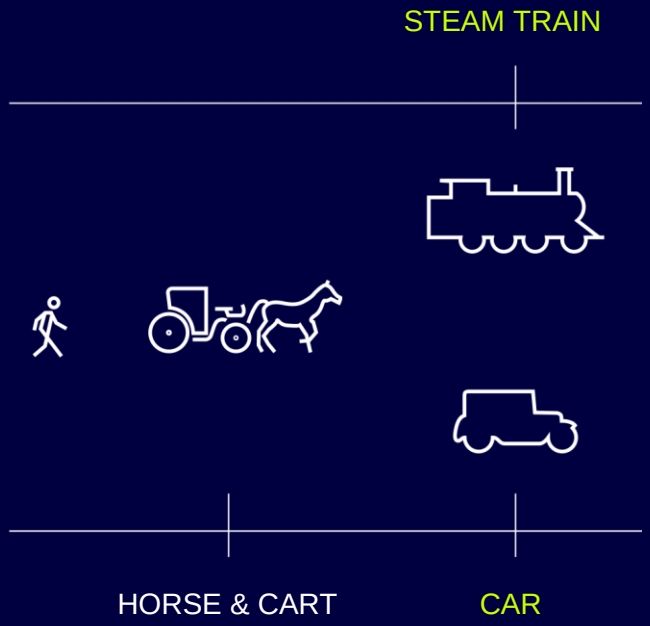
PLP/ARCHITECTURE

THE EVOLUTION OF (AUTO) MOBILITY

HORSE & CART

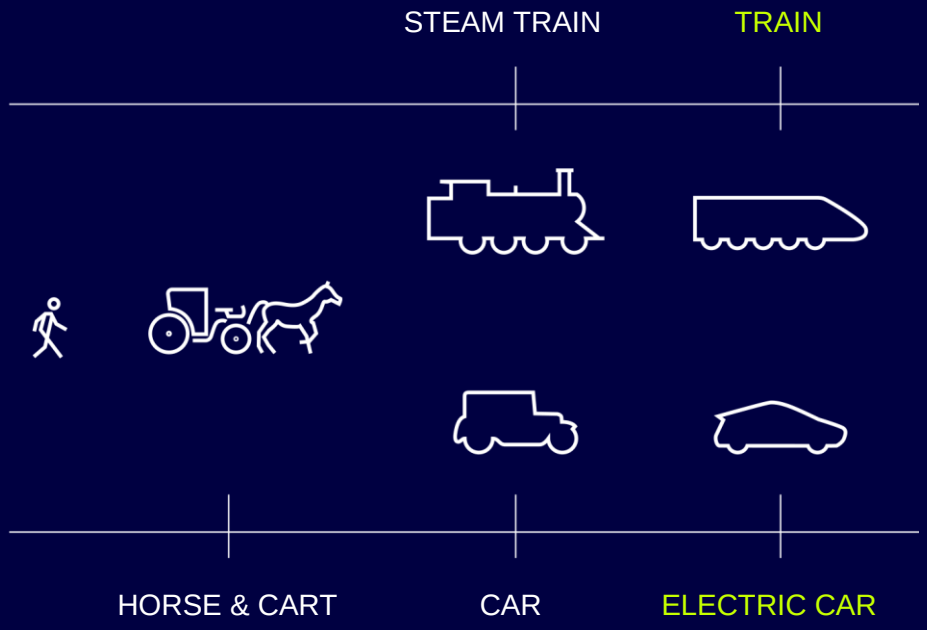
PLP/ARCHITECTURE

THE EVOLUTION OF (AUTO) MOBILITY



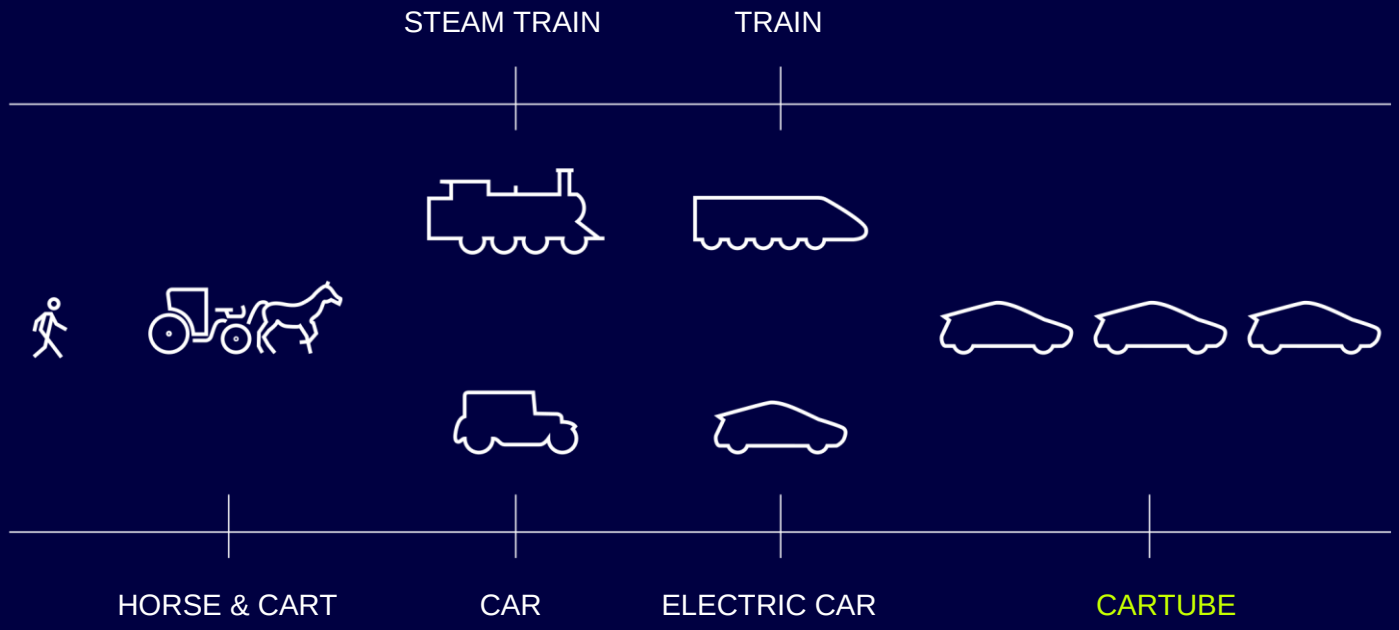
PLP/ARCHITECTURE

THE EVOLUTION OF (AUTO) MOBILITY



PLP/ARCHITECTURE

THE EVOLUTION OF (AUTO) MOBILITY



PLP/ARCHITECTURE


Central London, Hammersmith
Heathrow (Terminals 1, 2 & 3)
M4
CARTUBE
40
40
40
40

PLP/ARCHITECTURE

PLP/ARCHITECTURE



PLP/ARCHITECTURE

CARTUBE

PLP/ARCHITECTURE

CARTUBE



SAVES TIME

PLP/ARCHITECTURE

CARTUBE

SAVES TIME

CONNECTS PEOPLE

PLP/ARCHITECTURE

CARTUBE

SAVES TIME

CONNECTS PEOPLE

GIVES FLEXIBILITY

PLP/ARCHITECTURE

CARTUBE

SAVES TIME

FASTER

CONNECTS PEOPLE

GIVES FLEXIBILITY

PLP/ARCHITECTURE

CARTUBE

SAVES TIME

FASTER

CONNECTS PEOPLE

BETTER

GIVES FLEXIBILITY

PLP/ARCHITECTURE

CARTUBE

SAVES TIME

FASTER

CONNECTS PEOPLE

BETTER

GIVES FLEXIBILITY

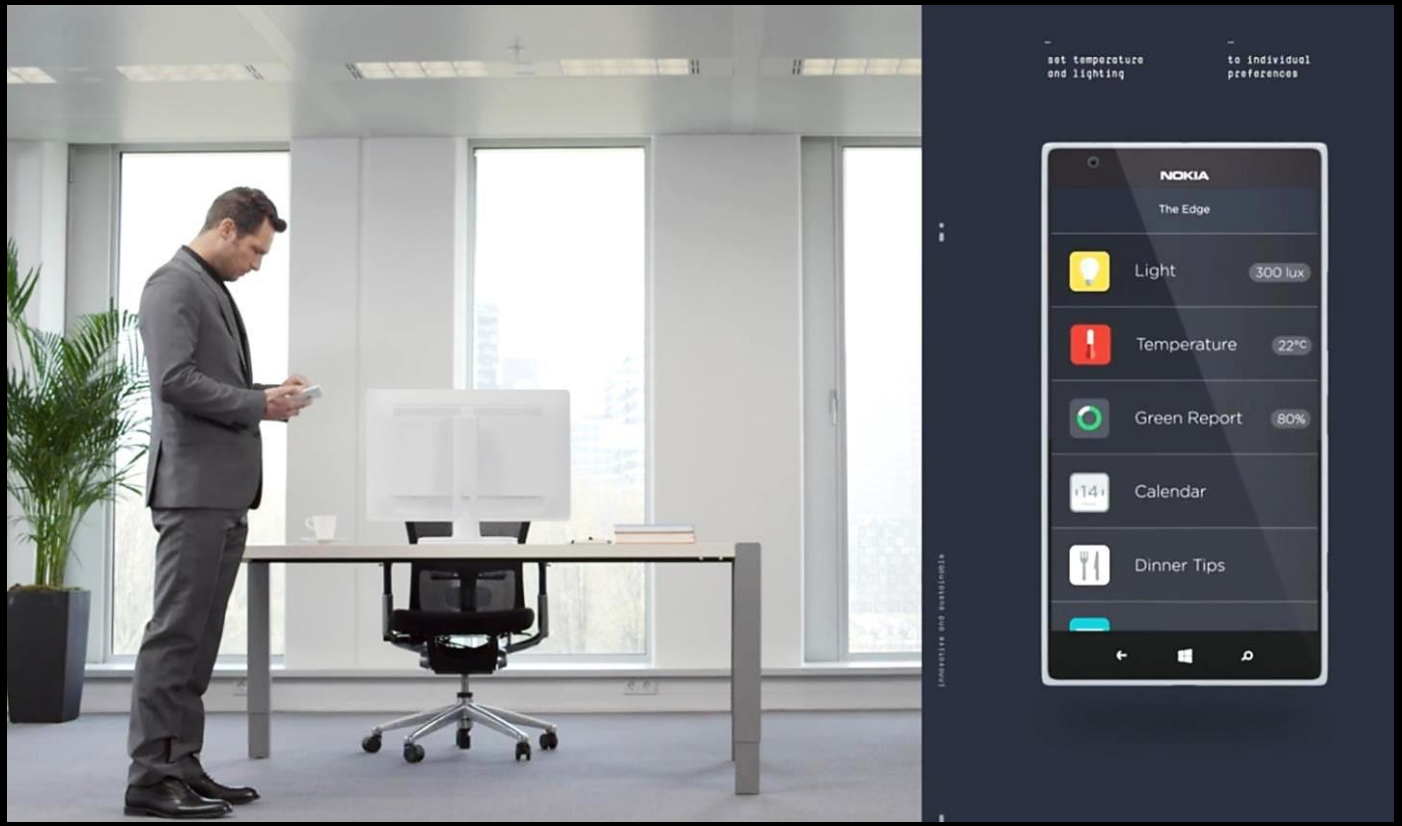
CHEAPER

PLP/ARCHITECTURE

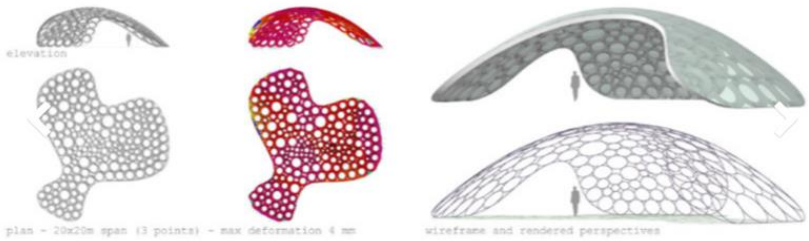
PLP/ARCHITECTURE

Barbican Oakwood Tower

Swedish Embassy Visit -Talk -16/09/09


set temperature
and lighting
to individual
preferences
NOKIA
The Edge
Light
300 lux
Temperature
22°C
Green Report
80%
Calendar
Dinner Tips


“The Edge is part
of my team; it
proactively works
with me”



Lightweight Conical Components for Rotational Parabolic Domes Geometric Definition, Structural Behaviour, Optimisation and Digital Fabrication

Roberto Narváez-Rodríguez and José Antonio Barrera-Vera

Advances in Architectural Geometry Conference

Geometry lies at the core of the architectural design process. It is omnipresent, from the initial form-finding stages, to novel manufacturing techniques, to the construction, and to post occupancy monitoring. But the role of geometry in architecture and engineering is also continuously evolving. Geometry increasingly plays a role in modeling environments and processing sensing information. Modern geometric computing provides a variety of tools for the efficient design, analysis, and manufacturing of complex shapes. Besides descriptive geometry controlling form algorithmic processes play a crucial rule in integrating disciplinary input. On the one hand this opens up new horizons for architecture. On the other hand, the architectural context also poses new problems to geometry. Around these problems the research area of architectural geometry has emerged. It is located at the common border of architecture with applied geometry, computational design, mathematics, and manufacturing.

Advances in Architectural Geometry (AAG) is a conference where both theoretical and practical work linked to new geometrical developments