

BIMWORLD

**JUMEUX
NUMÉRIQUES**

IFC 4.3 pour l'infrastructure

Intervenant : Bernd Domer

**SOLUTIONS
BAS-CARBONE** | **AMÉNAGEMENT
DURABLE**

3 & 4 AVRIL 2024

**FORUM CYBERSÉCURITÉ
INTELLIGENCE ARTIFICIELLE**

BIMWORLD

JUMEAUX
NUMÉRIQUES

Speaker

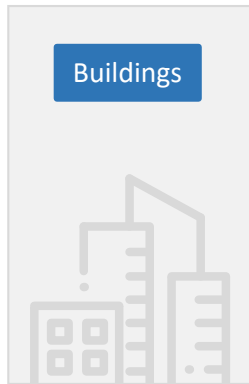
- **Bernd Domer,**
HEPIA, responsable du groupe MIC, de l'institut inPACT
Membre du comité Bâtir digital Suisse

h e p i a

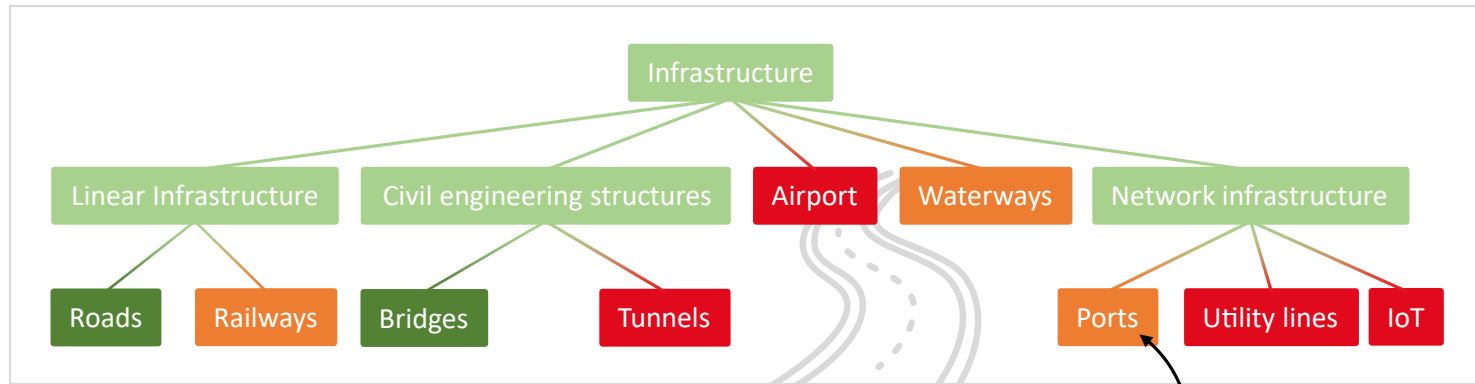
Haute école du paysage, d'ingénierie
et d'architecture de Genève

Hes·SO // GENÈVE
Haute Ecole Spécialisée
de Suisse occidentale

Buildings



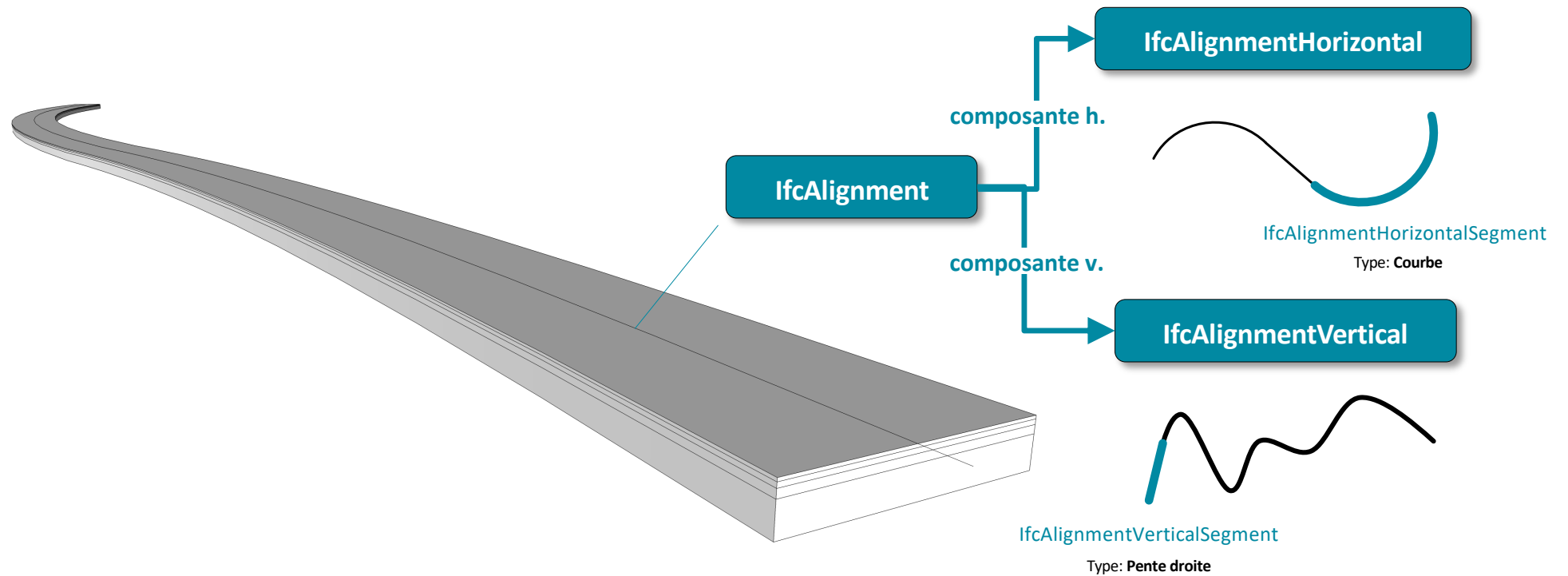
Infrastructures



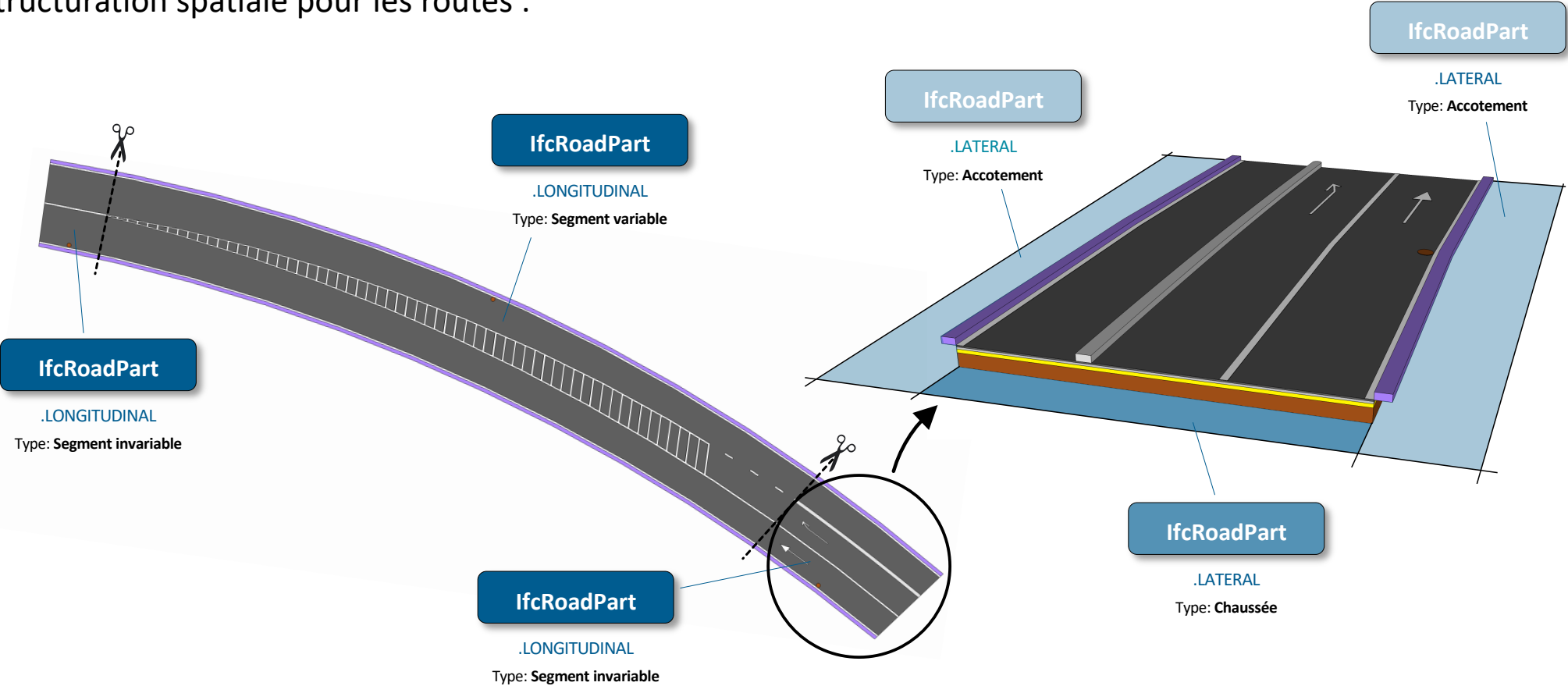
- Domain covered since IFC 2x3, **treated** in the book for general concepts
- Covered since IFC 4.3, **treated** in the book
- Covered since IFC 4.3, **not treated** in the book
- To be covered in future IFC schema extensions
- Domain expression not used in IFC, for clarification purposes only

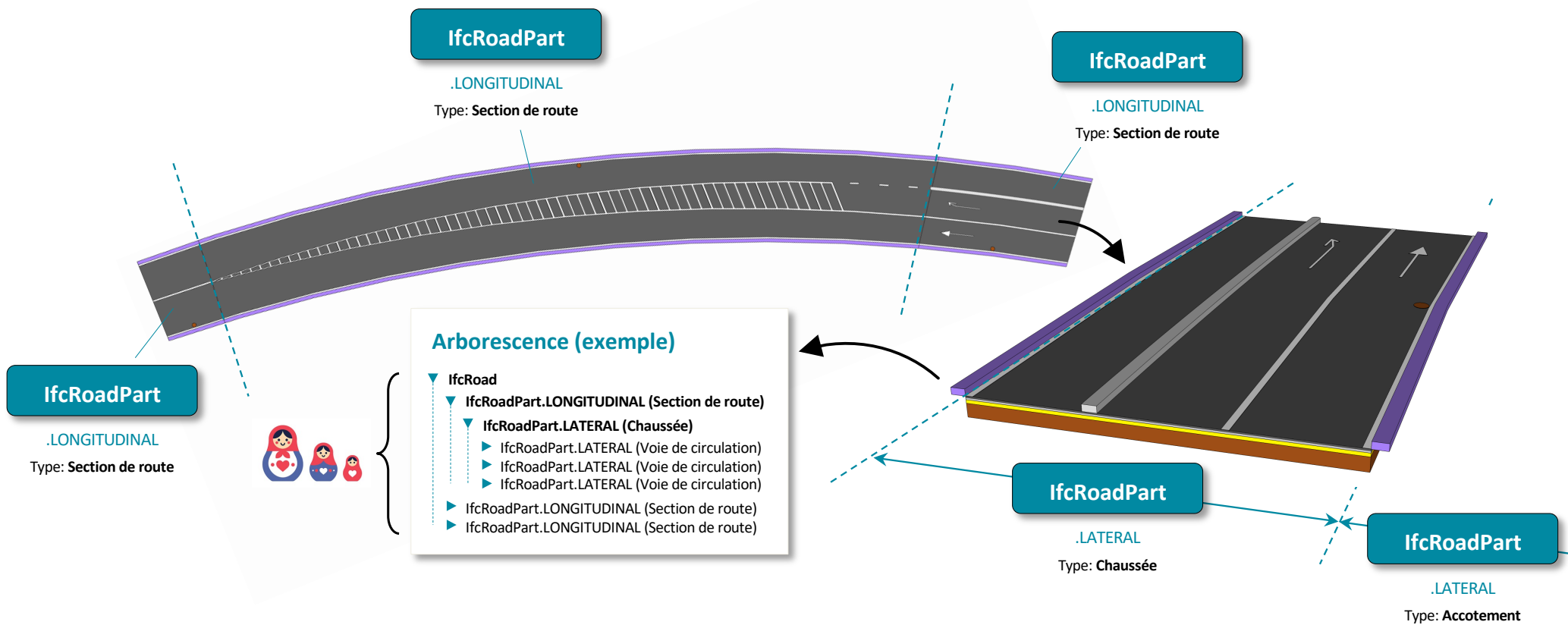
Should be understood as a connector to link network infrastructure elements, not has "harbor"

Nouveaux éléments de positionnement (routes)



Structuration spatiale pour les routes :

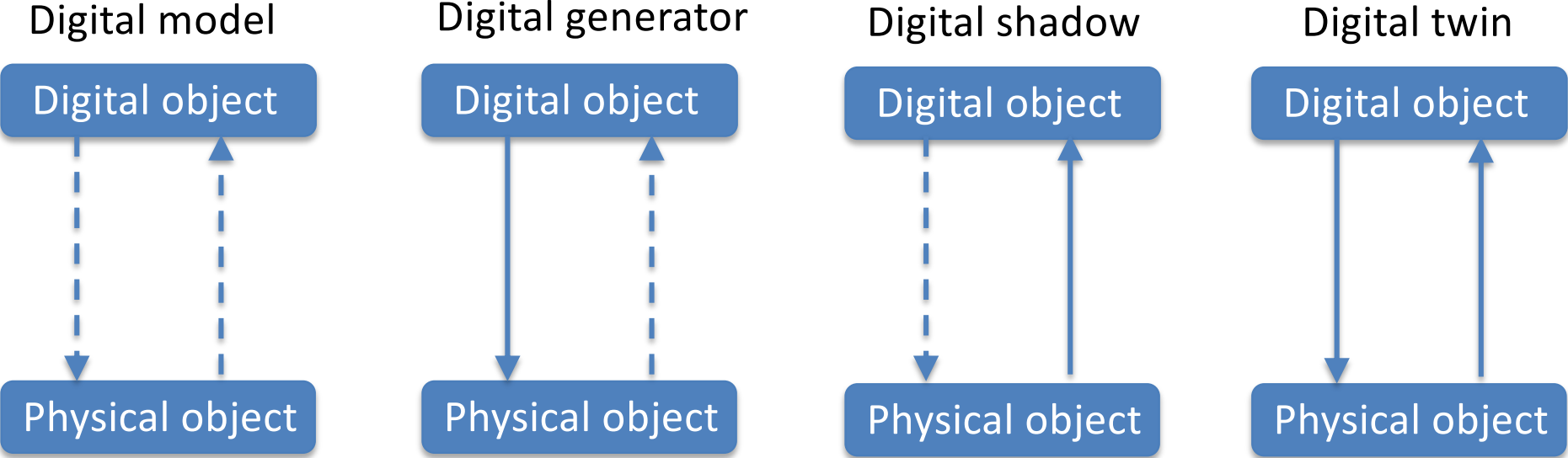




BIMWORLD

**JUMEAUX
NUMERIQUES**

IFC 4.3 ≠ 5



Source: Tekinerdogan B.; Verdouw, C. (2020):
Systems Architecture Design Pattern Catalog for Developing Digital Twins; Sensors

--▶ Manual dataflow
—▶ Automatic dataflow

IFC 4.3 ≠ 5

