Decomposing an Exhibition Map

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Numismatic Exhibition

- The Empire of the Huns in Central Asia and India
- Starting November 2012, Cultural History Museum in Vienna, Austria
- History of coins in the period of 200 A.D. to 900 A.D.
- Geographic extent:
  - Historical empires in Central Asia and India
  - Empire of the Sassanids concentrated in Central Persia
  - Including Byzantium influence

Geographic Extent

Focus of the Exhibition

- The function of the exhibition as a show for the public
- The expectations of the visitor to navigate in exhibition space
- The task of maps and spatial representations as geo-communicators

Geo-Communicators in Museums

- Large scale venue map for exhibition space
- Large to small scale topographic map for orientation in geographic space
- Generalized overview map as Information Graphic
- Map-related expression e.g. aerial pictures, panoramas, reliefs, globes ...
- Multimedia, virtual reality - interactive cartographic representation using multimedia sources
- Map as artifact

Cartographic Leitmotif

- High quality maps and cartographic visualizations in digital and printed form
- Depiction of geographic space and dependencies in exhibition space
- Multimedia implementations
- Sustainability of exhibition content through online information availability
Cartographic Artefacts

- Walk-on-able floor map 4 x 4 m overview map
- 16 exhibition showcases with objects and regional maps
- Regional maps as connectors between floor map and objects
- Online Exhibition Catalogue Portal for PC, Tablet, Smartphone access for on- and off-site information retrieval
- *Filmlets* for geographic storytelling

Exhibition Space

- Film screen
- Floor map
- Geographic overview map
- Head of Map
- Showcase 1B
- Showcase 1C
- Showcase 1D
- Showcase 1E
- Showcase 1F
- Showcase 1G
- Showcase 1H
- Showcase 1I
- Showcase 1J
- Showcase 1K
- Showcase 1L
- Showcase 1M
- Showcase 1N
- Showcase 1O
- Showcase 1P
- Showcase 1Q
- Showcase 1R
- Showcase 1S
- Showcase 1T
- Showcase 1U
- Showcase 1V
- Showcase 1W
- Showcase 1X
- Showcase 1Y
- Showcase 1Z
- Showcase 1AA
- Showcase 1AB
- Showcase 1AC
- Showcase 1AD
- Showcase 1AE
- Showcase 1AF
- Showcase 1AG
- Showcase 1AH
- Showcase 1AI
- Showcase 1AJ
- Showcase 1AK
- Showcase 1AL
- Showcase 1AM
- Showcase 1AN
- Showcase 1AO
- Showcase 1AP
- Showcase 1AQ
- Showcase 1AR
- Showcase 1AS
- Showcase 1AT
- Showcase 1AU
- Showcase 1AV
- Showcase 1AW
- Showcase 1AX
- Showcase 1AY
- Showcase 1AZ
- Showcase 1BA
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- Showcase 1BT
- Showcase 1BU
- Showcase 1BV
- Showcase 1BW
- Showcase 1BX
- Showcase 1BY
- Showcase 1BZ
- Showcase 1CA
- Showcase 1CB
- Showcase 1CC
- Showcase 1CD
- Showcase 1CE
- Showcase 1CF
- Showcase 1CG
- Showcase 1CH
- Showcase 1CI
- Showcase 1CJ
- Showcase 1CK
- Showcase 1CL
- Showcase 1CM
- Showcase 1CN
- Showcase 1CO
- Showcase 1CP
- Showcase 1CQ
- Showcase 1CR
- Showcase 1CS
- Showcase 1CT
- Showcase 1CU
- Showcase 1CV
- Showcase 1CW
- Showcase 1CX
- Showcase 1CY
- Showcase 1CZ
- Showcase 1DA
- Showcase 1DB
- Showcase 1DC
- Showcase 1DD
- Showcase 1DE
- Showcase 1DF
- Showcase 1DG
- Showcase 1DH
- Showcase 1DI
- Showcase 1DJ
- Showcase 1DK
- Showcase 1DL
- Showcase 1DM
- Showcase 1DN
- Showcase 1DO
- Showcase 1DP
- Showcase 1DQ
- Showcase 1DR
- Showcase 1DS
- Showcase 1DT
- Showcase 1DU
- Showcase 1DV
- Showcase 1DW
- Showcase 1DX
- Showcase 1DY
- Showcase 1DZ

Decomposing an Exhibition Map

- High quality maps and cartographic visualizations
- Topographic maps act as visual base information
- Cartographic quality assessment for small scale mountain maps within a semi-automated production environment

Numismatic “Where’s and When’s”

- Where and when was the coin minted
- Where and when was the coin distributed
- Where and when was the coin found
- Where is the coin currently located

Numismatic Uncertainty

- Time period/span
- Spatial location and distribution

Showcase
Technical Specifications - Portal

- Hardware independent access
  - smartphone, tablet, laptop, notebook, PC ...
- Browser independent access
  - HTML5
  - CSS 3
  - JavaScript
  - PHP5
  - MySQL

Floor Map – Framework

- Interlocking PVC Flooring
- Loosely laid floor tiles for heavy duty applications
- Printing direct onto floor tiles with interlocking attachment system
- Viewing distance > 1.5 m
- Stainproof – Durable
- Walk-on-able

Map Layers

- Text layer
- Point layer
- Line layer
- Polygon layer
- Raster layer
**Showcase Map – Region Highlight**

**Conclusion**

- Enhancing methods of spatial information by means of cartographic communication
- Know-how transfer and collaboration with neighboring disciplines
- Transformation of museums and exhibitions from static presentation forums to interactive scientific platforms

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**Decomposing an Exhibition Map**

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