

- Visualise vowel-topologies and relate them to the formant theory of musical instrument
- Consonance dissonance in just intonation and equal temperament tuning systems (North, Sauveur, Euler, Rameau, Helmholtz)
- Pitch models, adaptive tunings (Wille, Sethares) real-time visualisations: Euler-grid, Vogel's-grid, Noll's curved pitch space, Mazzola's Moebius strips
- Mazzola's modulation model – musical modulation modelled as symmetry transformations (quanta) as 3D-animations.

2.4. Time Schedule and Milestones

Team			Content			Implementation museum				
			%	SRs	CM	App	Mdl	Cslt	Des	Impl
Applicants	Martin Neukom Dieter Mersch (ith)		x	x	x					
Project manager	Daniel Muzzulini	50	x	x		x		x	x	x
WiMa	Philipp Kocher	10		x	x		x	x	x	x
	Raimund Vogtenhuber	30		(x)	(x)			x		x
	Susanne Schumacher (MIZ)	5								
	n.n.	10								x
TeMa	Christine Kaufmann	30						x	x	x
Co-operation partners	Christoph Reuter (A) Benjamin Wardhaugh(GB)		x x	x x		x	x			

% average employment over the duration of the project
 SRs Scientific research (history of science, theory of diagrams)
 CM Content manager: adding and editing scientific content
 App Application programming
 Mdl Data modelling
 Cslt Consulting, choice of software and architecture
 Des Design GUI, corporate design
 Impl Implementation, Content Management System (CMS)
 Doc Documentation Applications, CMS

Time	What?	Result	Who?
1.00 – 1.06	Software decision	Report (application-server architecture)	DMz, SSch, ChR
1.00 – 1.06	Data modelling	Object relational model of institutions, people, content	DMz, ChR
1.00 – 2.03	Scientific research	Classified secondary material	DMz, DMe, ChR, BWa
1.00 – 2.03	Application programming	Audiovisual applications	PhK, MNe, RaV
1.06 – 1.12	Implementation CMS, Interface Media Archive	Prototype Science Centre	DMz, RaV, ChK, Ph, n.n
2.00 – 2.06	Design User interface	Working Science Centre	ChK, RaV
2.06 – 2.09	Content management	Uploaded contents / Snapshot / Online	DMz, ChR, BWa
2.06 – 2.12	Documentation	Documentation project / Online Help	DMz, RaV, ChK, MN

BWa: Benjamin Wardhaugh

ChK: Christine Kaufmann

ChR: Christoph Reuter

DMe: Dieter Mersch

DMz: Daniel Muzzulini

MNe: Martin Neukom

PhK: Philipp Kocher

RaV: Raimund Vogtenhuber

SSch: Susanne Schumacher