CREATIVITY IN THE DIGITAL AGE
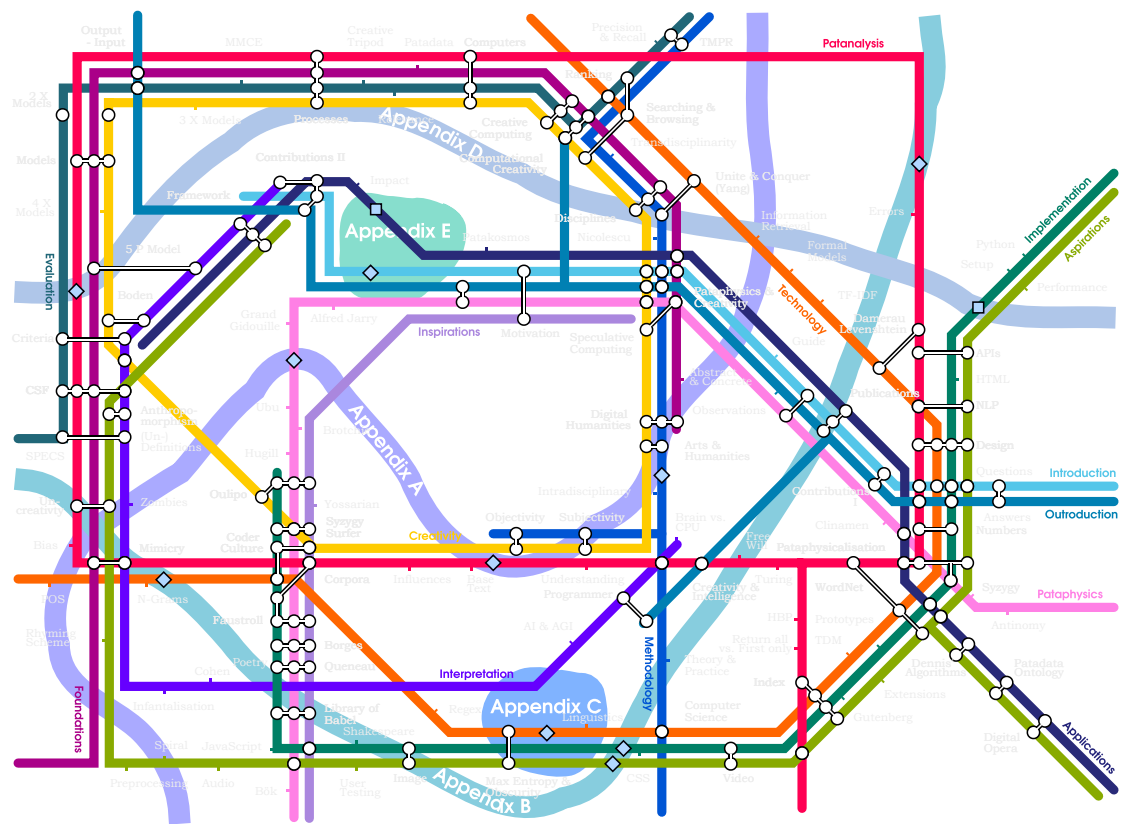
Dr Fania Raczinski

ECAF Interview DMU

PhD Research
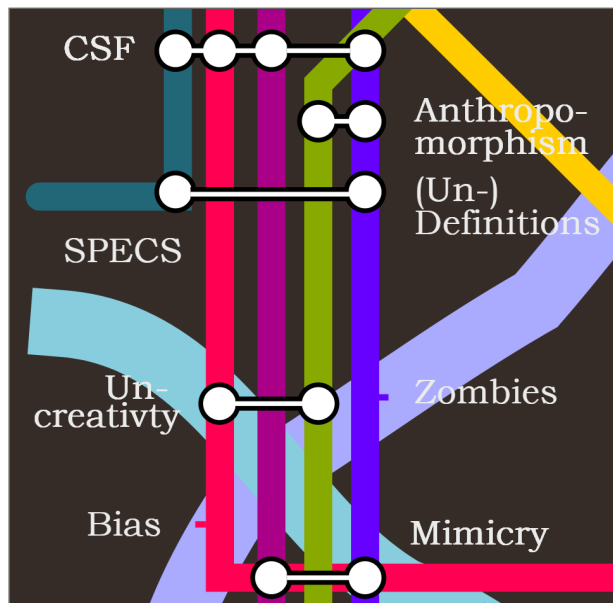
"ALGORITHMIC META-CREATIVITY"

Creative Computing and Pataphysics for Computational Creativity

- framework for evaluating computer creativity
- poetry generating search engine

Research Roadmap

Line labels: Patanalysis · Implementation · Aspirations · Technology · Introduction · Outroduction · Pataphysics · Applications · Methodology · Foundations · Evaluation · Creation · Interpretation

Station and area labels:

- Output, Input
- MMCE
- Creative Tripod
- Patadata
- Computers
- Precision & Recall
- CTMPR
- Ranking
- 2 X Models
- 3 X Models
- Processes
- Appendix D
- Creative Computing
- Computational Creativity
- Searching & Browsing
- Transdisciplinarity
- Models
- Contributions II
- Impact
- Appendix E
- Unite & Conquer (Yang)
- Information Retrieval
- Errors
- 4 X Models
- Framework
- Disciplines
- Nicolescu
- Formal Models
- Python Setup
- Performance
- 5 X Model
- Boden
- Metakosmos
- Damerau-Levenshtein
- Grand Gidouille
- Alfred Jarry
- Inspirations
- Motivation
- Speculative Computing
- Pataphysics Creativity
- APIs
- Criteria
- HTML
- NLP
- CSS
- Anthropomorphism
- (Un-) Definitions
- Ubu
- Hugill
- Abstraction & Control
- Observations
- Publications
- Design
- Digital Humanities
- SPECS
- Zombies
- Oulipo
- Arts & Humanities
- Questions
- Phone Numbers
- Meta-creativity
- Yossarian
- Syzygy Surfer
- Objectivity
- Subjectivity
- Brain vs GPU
- Climensen
- Contributions
- Bias
- Mimicry
- Coder Culture
- Free Will
- Pataphysicalisation
- Syzygy
- Antinomy
- FOS
- Corpora
- Influences
- Base Text
- Understanding Programmes
- Creativity, Turing & Intelligence
- WordNet
- Rhyming Scheme
- N-Grams
- Faststroll
- HPC
- Prototype
- TDM
- Infantilisation
- Cyber Poetry
- Borges
- Queneau
- AI & AGI
- Return all vs. First only
- Theory & Practice
- Index
- Computer Science
- Extensions
- Denoising Algorithms
- Patadata Ontology
- Spiral
- JavaScript
- Library of Babel
- Shakespeare
- Linguistics
- Appendix C
- Gutenberg
- Digital Opera
- Preprocessing
- Audio
- Bök
- User Testing
- Image
- Max Entropy
- Obscurity
- Appendix B
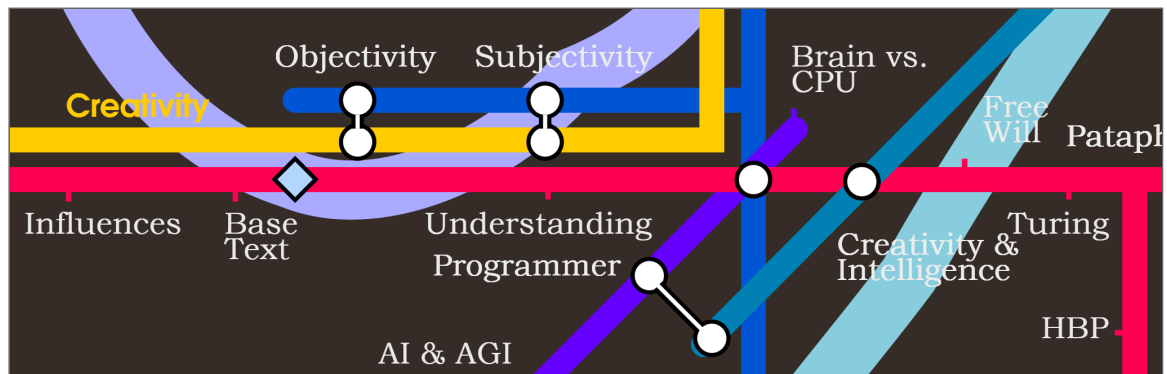- Video
- Appendix A

Highlights I - Evaluation

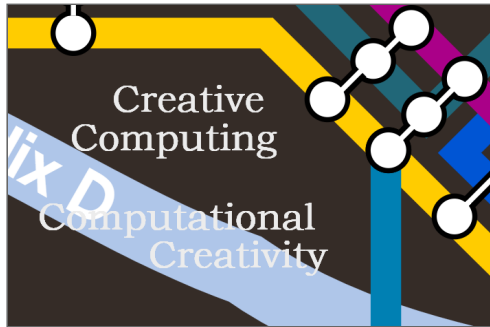- creativity criteria
- human creativity
- computer creativity
- evaluation frameworks
- evaluation bias
- autonomous evaluation
- creative zombies

Highlights II - Intelligence

- artificial creativity **vs.** artificial intelligence
- e.g. Chinese "Art" Room (Searle)

Highlights III - comp/creat/comp

- creative computing **vs.** computational creativity
- algorithmic meta-creativity
- process **vs.** product
- output minus input

Research- Teaching -Research

teaching
my area of research

- programming for the arts
- arts for programmers
- front end web dev.

research
teaching approaches

- lecture delivery
- distance learning
- laboratory teaching
- student engagement

Research Home

research context

- transdisciplinary
    - CEM
    - ADH
    - IoCT
- professional dev.

research outputs

- publications
- open source code
- exhibitions
- practice-based(*)

questions ? answers : thanks