COMPUTATIONAL SOCIO-GEONOMICS*

*ISTAG: one of the last multi-omics
Domain of Computational Socio-geonomics

LIFE

“purposeful goal seeking (selfish)”

Governance

Real World Social Systems
- Cultural
- Individual & group behaviour

V.OSS

Simulation

Evolutionary Model
- Species, Life, Resources

Simulation

Computer Sciences

Publications

- framework platform of processable MetaFORs
- layers of abstraction
- emergent/CASS

METALOGER

METALOGER ENVIRONMENTS
- Σ (social systems in organisations)

Social Sciences

PROPERTIES OF SOCIAL SYSTEMS
- fundamental sciences
- rigorous formalism
- evolutionary aspects

Domain of Computational Socio-geonomics
AMBITION:

• A flagship that aims at reconciling Man with himself and with planet Earth
  – Plamen Simeonov

• To engineer Society(ies) tool-set:
  – Everyone, everywhere, everything, everyday,

• Our slogan: “Yes, we compute our World”
  – Stefano Balieti, Zurich FuturIoT Workshop
IMPACT

• Ubiquitous, pervasive, meaningful.....
• Everywhere/everyone/every organisation....
• Benefit: people’s ability to direct and control their affairs because they have the tools
• ICT engagement is wholly people oriented
• Meta-everything is a way of life?

• A new paradigm of purposeful computing
Computational-socio-geonomics*

INTEGRATION – *in vivo/in silico* soft & ‘hard’ robotics?

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PLAUSIBILITY

A FuturIcT simulation toolset for ‘life’
EU led, global cooperation, eg NSF Socs
Federated cooperations to deliver platform for
COMPUTATIONAL SOCIO-GEONOMICS

*People led:* S-GAIA World Society Modeller

*Evolutionary social modelling in real-time is the new game in town*

*A new paradigm of computation*
**COMPUTATIONAL SOCIO-GEONOMICS**

*The science & platform for World Society Modeller (S-GAIA), a federation within FuturlcT*

_We hope you will want to join us in the S-GAIA Consortium. We undertake to nurture & safeguard our World_