

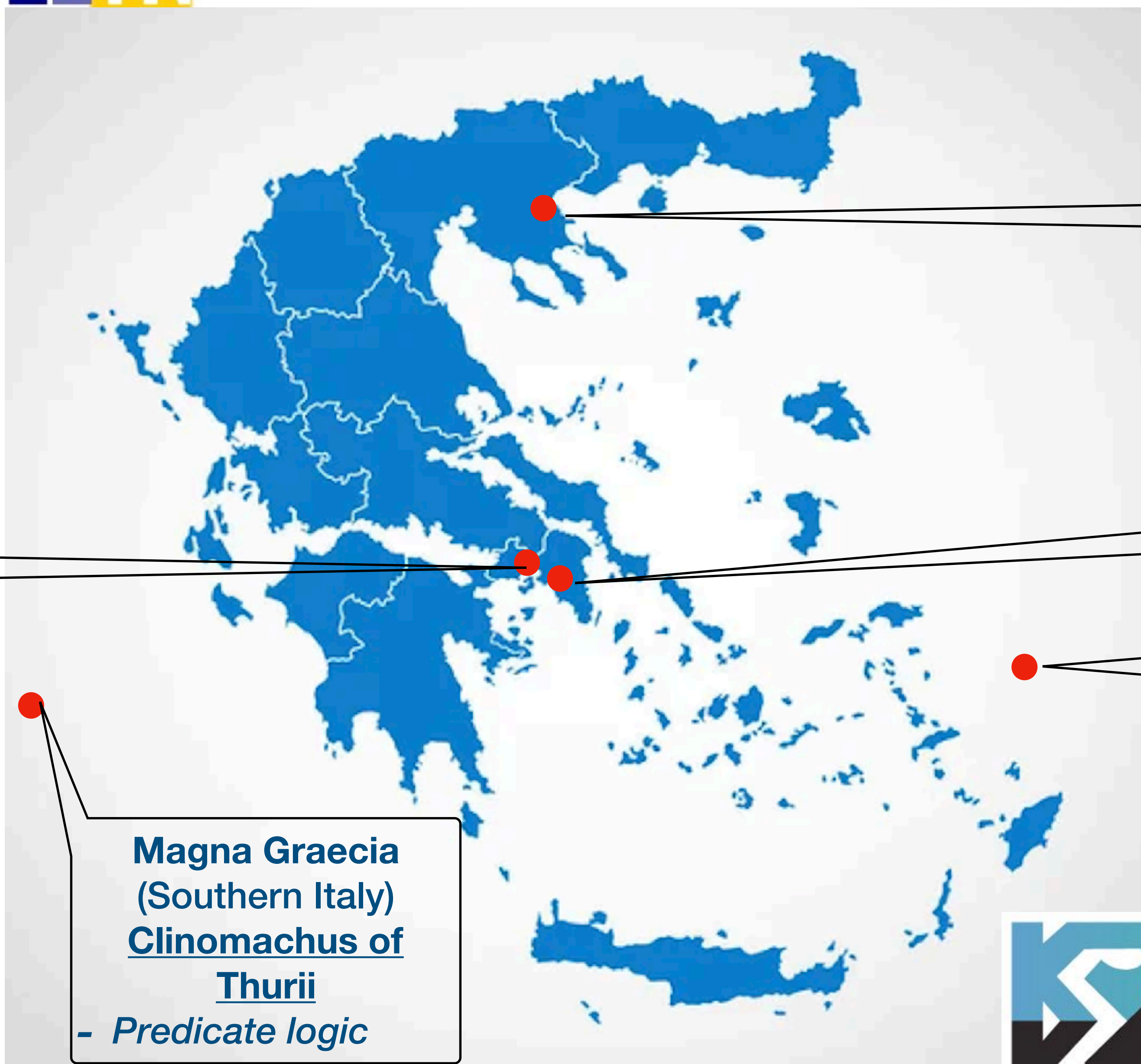


Rhodes, September 2023

George Vouros, Professor, University of Piraeus, President of EETN

Megara
Diodorus Cronus and**Philo the Logician,**

- Ground-breaking contributions to the development of theories of conditionals and *modal logic*, introducing a version of *material implication*;
- Diodorus devised a forerunner of *strict implication*.
- Each developed a system of *modal notions* that satisfies the basic logical requirements laid down by modern standard modal theories.

**Stagira****Aristotle**

- Prior Analytics
(*term logic and syllogistic*)

Athens**Sophists & Plato**

- *Sentence analysis, truth, fallacies*

Miletus**Eubulides**

- teacher of logic for Demosthenes

**Magna Graecia
(Southern Italy)**
**Clinomachus of
Thurii**

- *Predicate logic*







Aristotle Univ. of Thessaloniki
Intelligent Systems Lab

- Rule-based reasoning and systems, Defeasible logic, Computational Argumentation, Semantic Web / Ontologies / Knowledge Graphs, Intelligent Multiagent systems, knowledge-based methods for eXplainable Artificial Intelligence, Named Entity Recognition for Knowledge Graph construction.







Lesvos - Mytilene
University of the Aegean
Intelligent Systems Lab
- Ontology engineering, semantic IoT,
semantic data integration, KGs and
linked data.



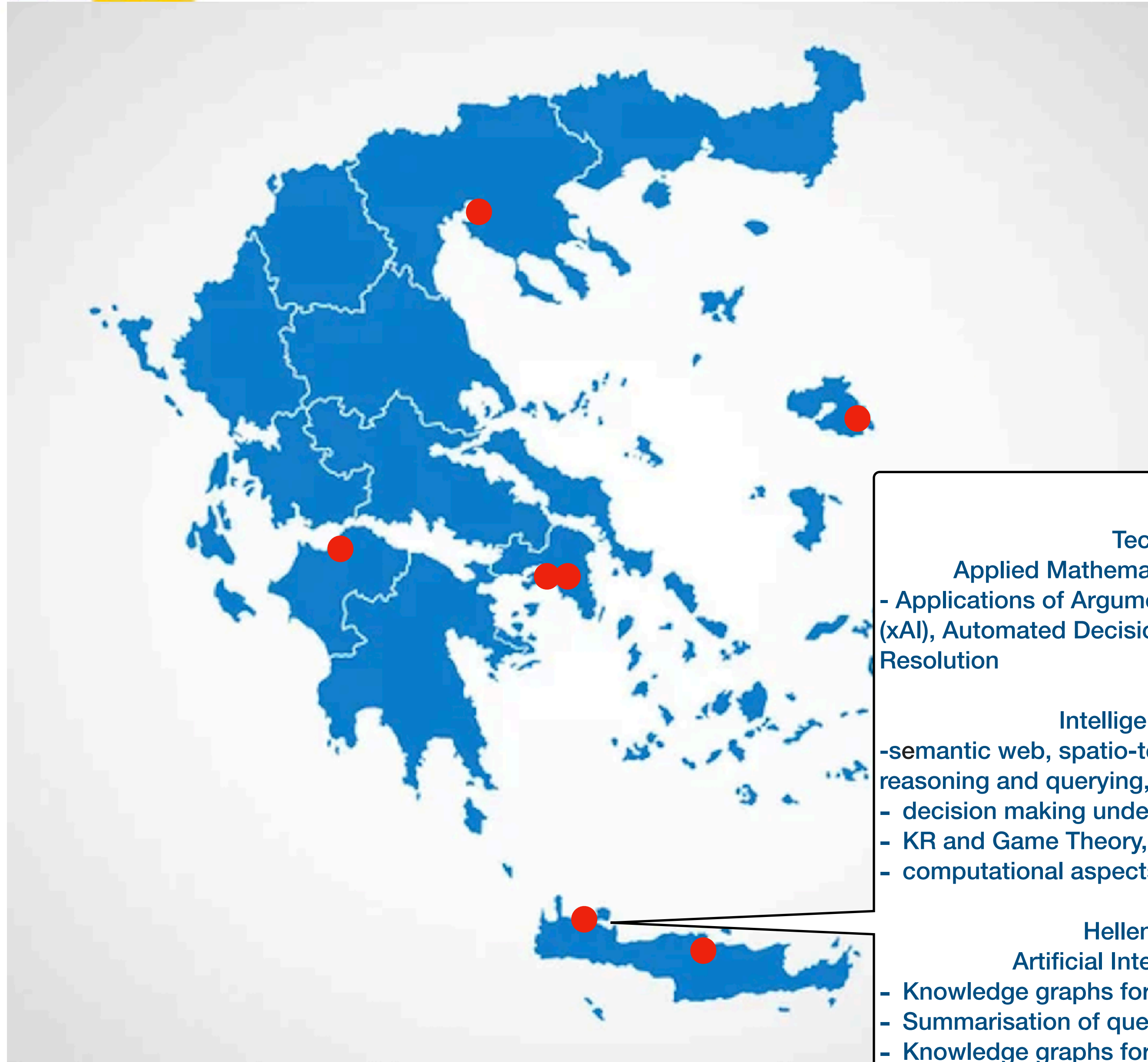




Heraklion
FORTH
Information Systems Lab (Symbolic AI group)
- monotonic/non-monotonic reasoning, computational argumentation frameworks, action languages, knowledge management





**Chania****Technical University of Crete****Applied Mathematics and Computers Laboratory (AMCL)**

- Applications of Argumentation, Explainable Artificial Intelligence (xAI), Automated Decision Making, Contextual reasoning, Conflict Resolution

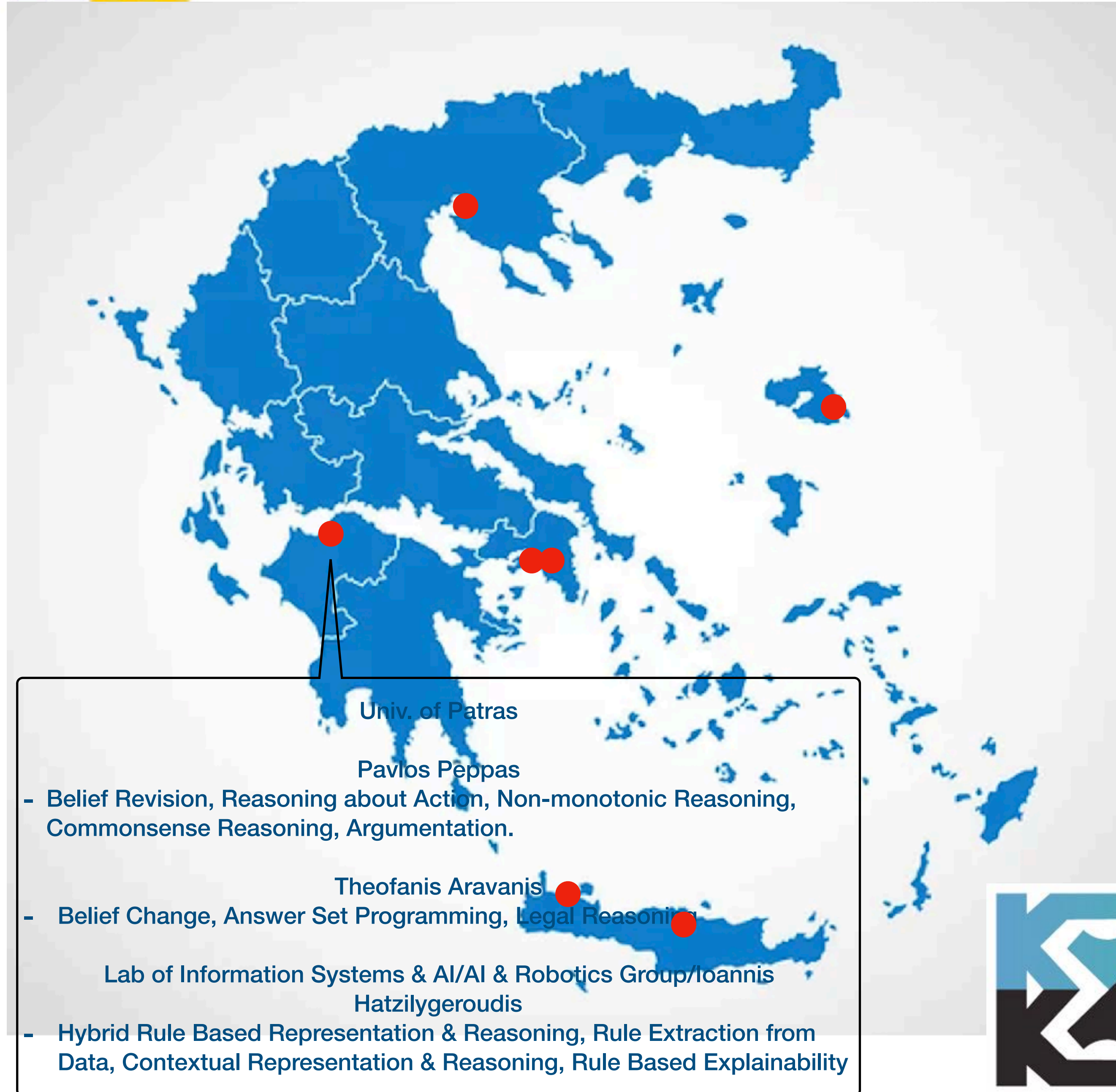
Intelligent Systems Lab (IntelLigence)

- semantic web, spatio-temporal ontologies, spatio-temporal reasoning and querying,
- decision making under uncertainty,
- KR and Game Theory,
- computational aspects of knowledge representation

Hellenic Mediterranean University**Artificial Intelligence and Systems Engineering**

- Knowledge graphs for representing meaning in Greek text.
- Summarisation of queries from users using semantic data.
- Knowledge graphs for constructing summaries.







Athens

NKUA Artificial Intelligence team

Manolis Koubarakis

- Semantic web, linked data, knowledge graphs



Hellenic Artificial Intelligence Society





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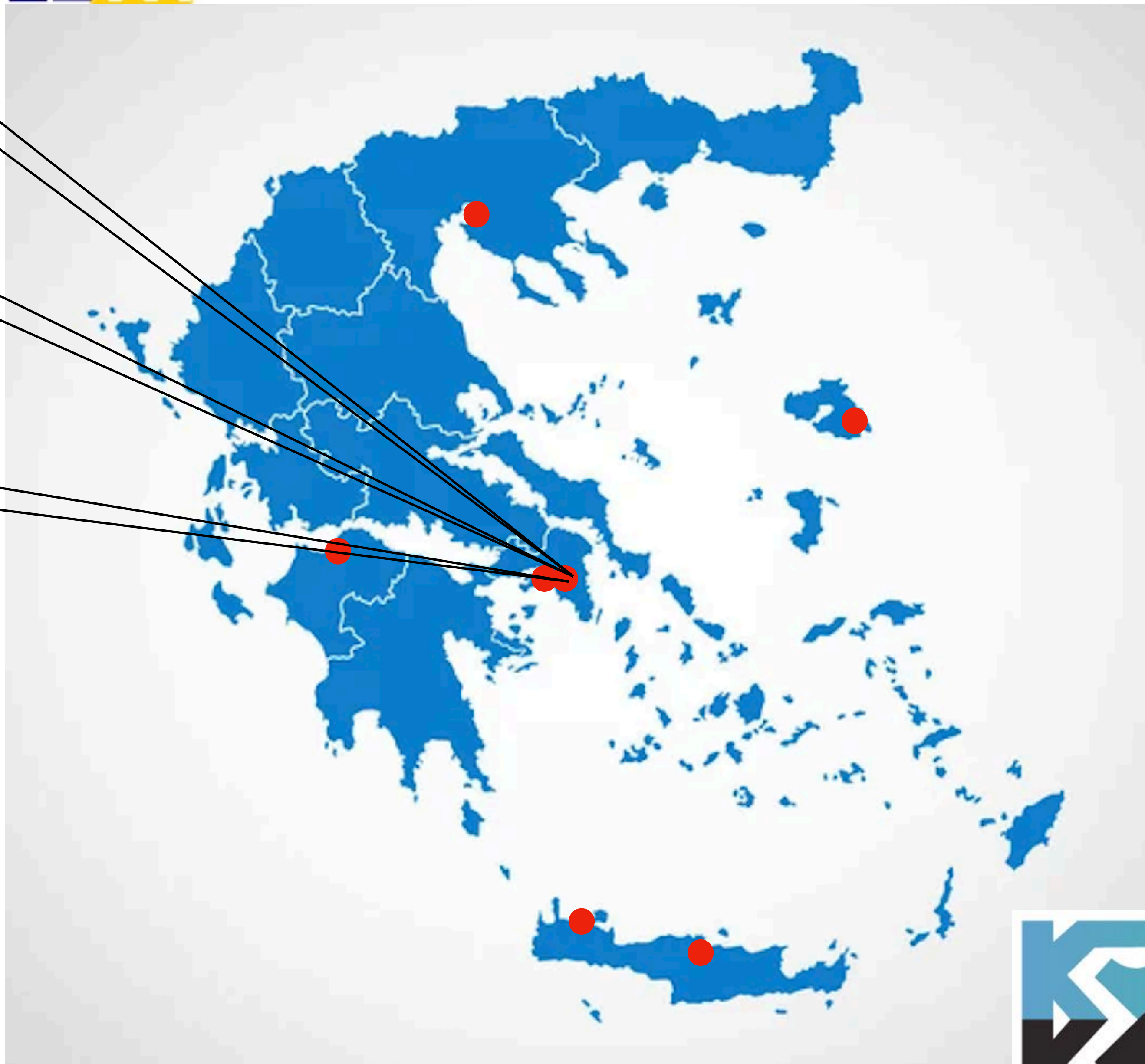
Athens
NTUA

- Description Logics
- Ontologies





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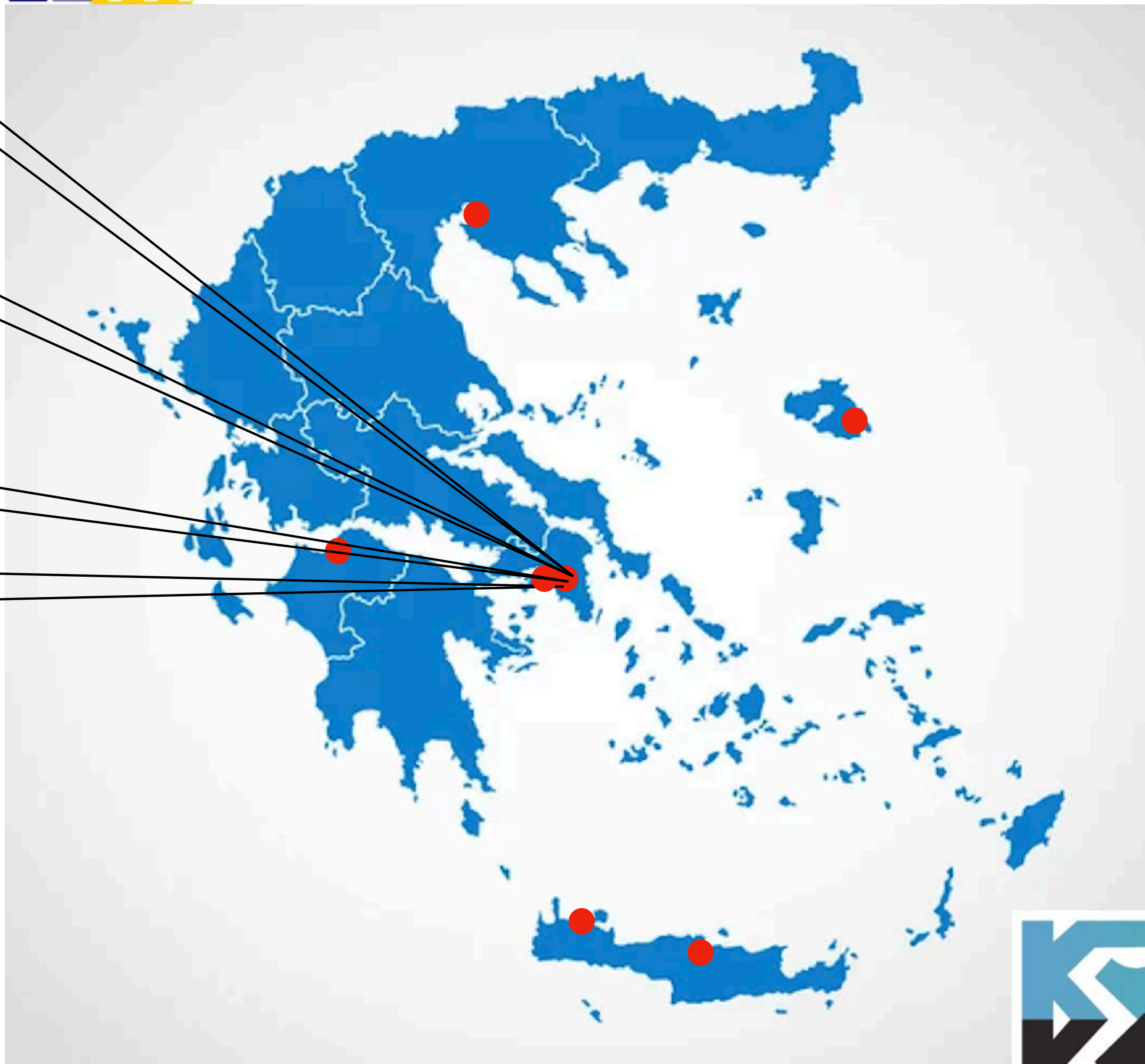


Athens
NKUA Artificial Intelligence team
Manolis Koubarakis
- Semantic web, linked data, knowledge graphs

Athens
NTUA
- Description Logics
- Ontologies

Athens
ATHENA ILSP (Lang & Robotics)
- KR and reasoning for interaction with the physical world, commonsense multisensory knowledge graphs, symbol grounding, action





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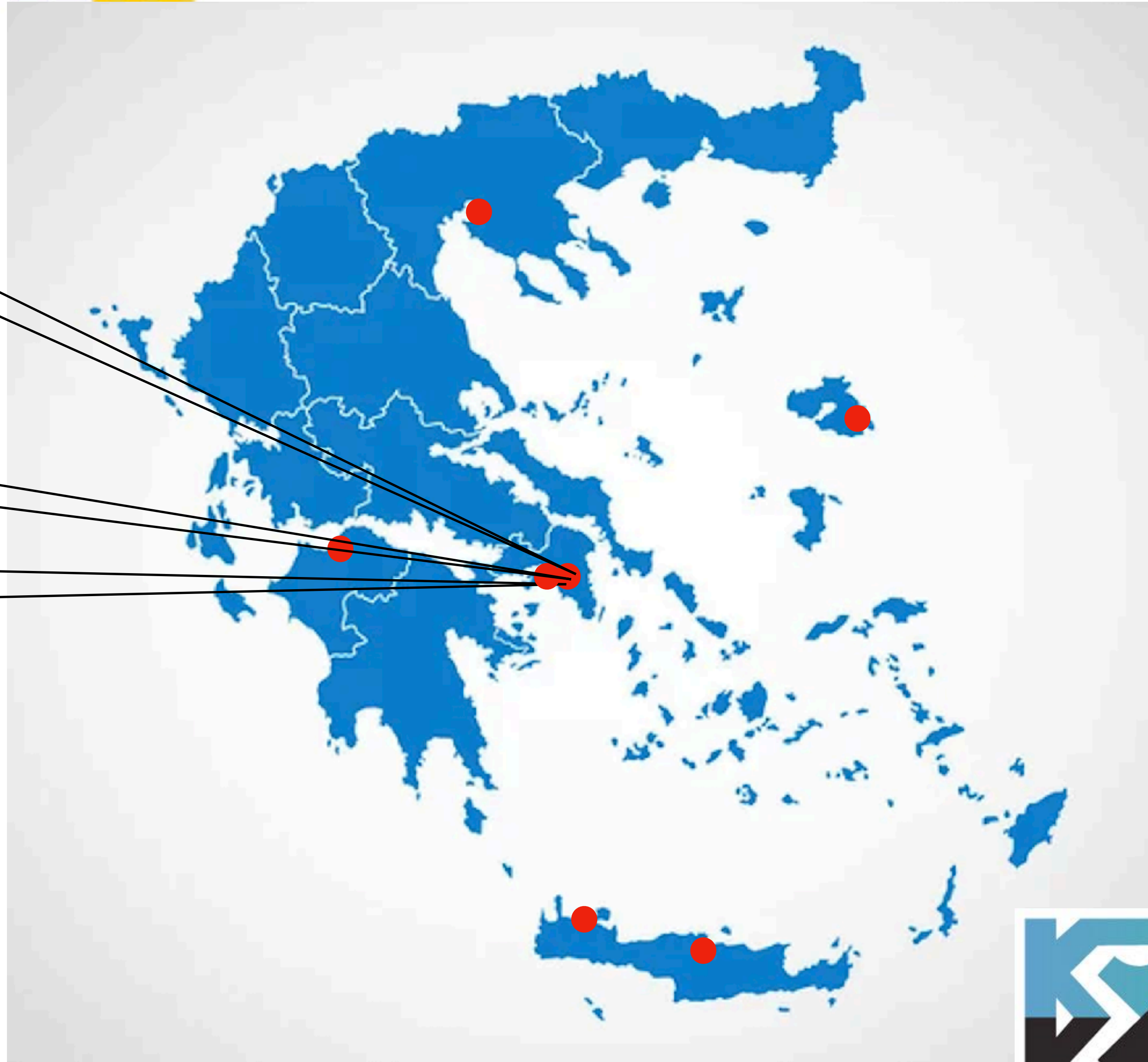
- KR and reasoning for interaction with the physical world, commonsense multisensory knowledge graphs, symbol grounding, action

Athens
NCSR Demokritos
SKEL

- Scalable rule extraction and inference on Knowledge Graphs under uncertainty
- Ontology Engineering to support the European AI knowledge ecosystem
- System for geospatial semantic/linked data processing/integration
- Preference representation on extensions of logic programming and the semantic web

- Complex Event Recognition
- stream reasoning, action languages, common-sense reasoning, online relational learning, reasoning under uncertainty





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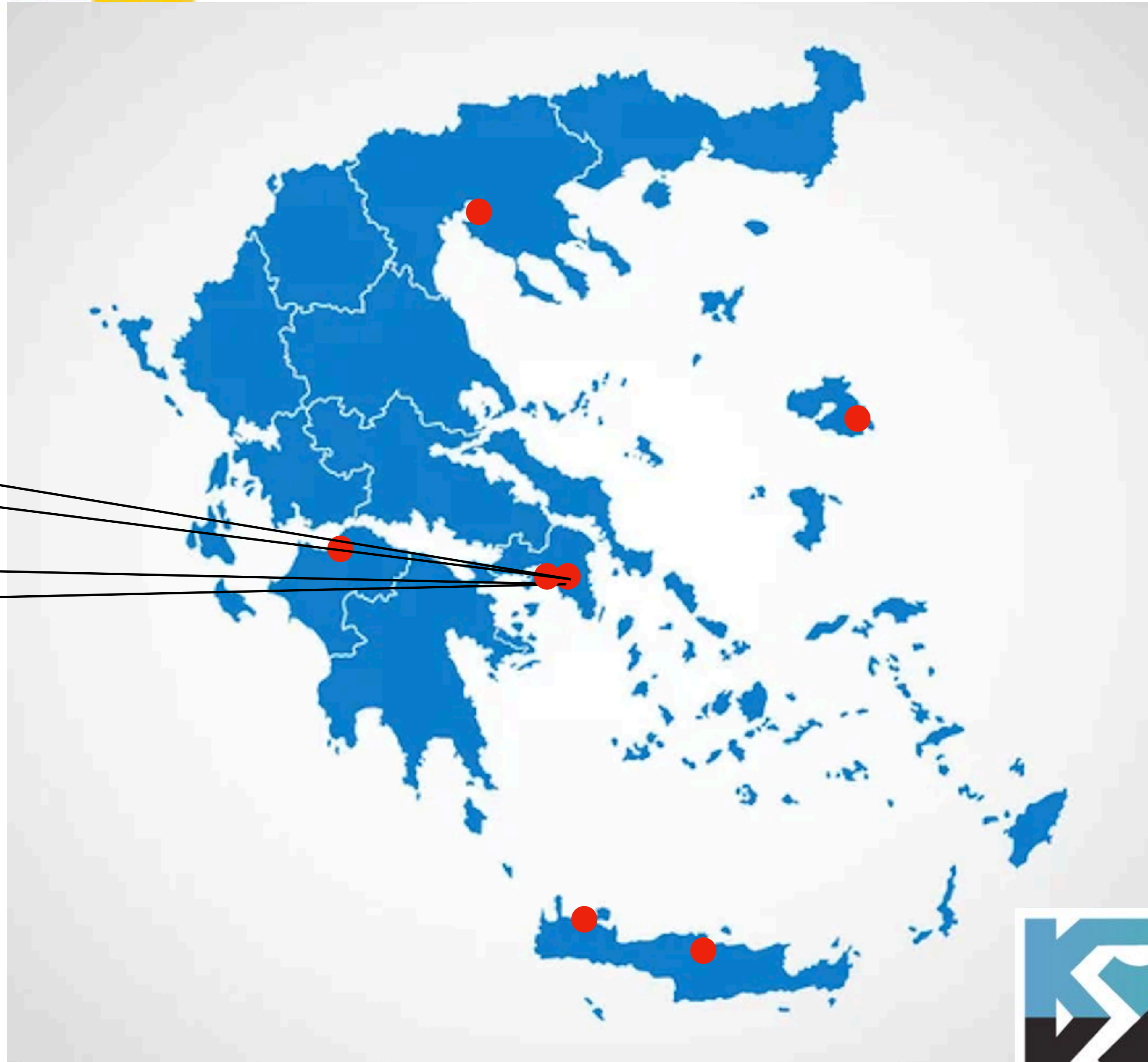
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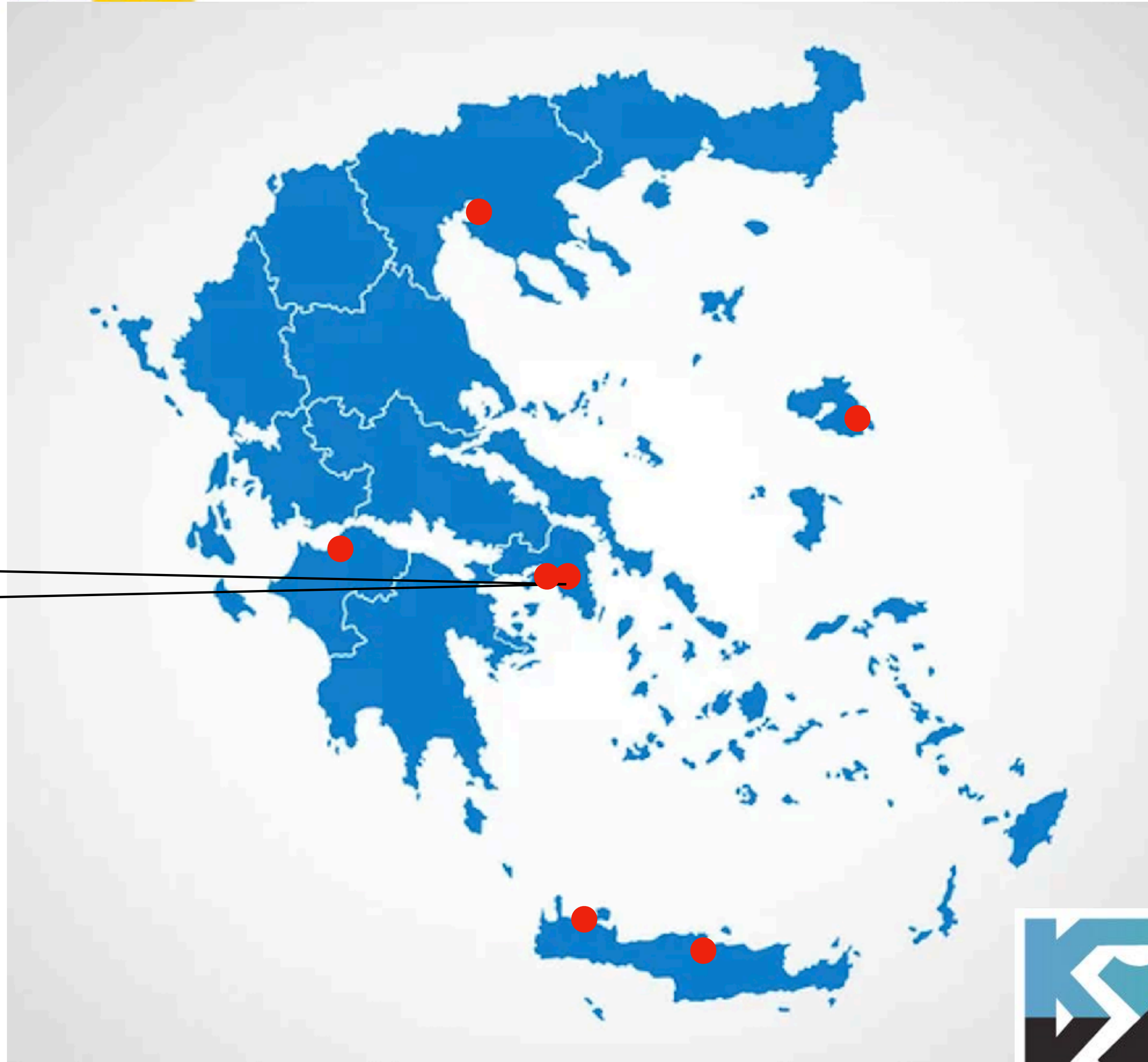
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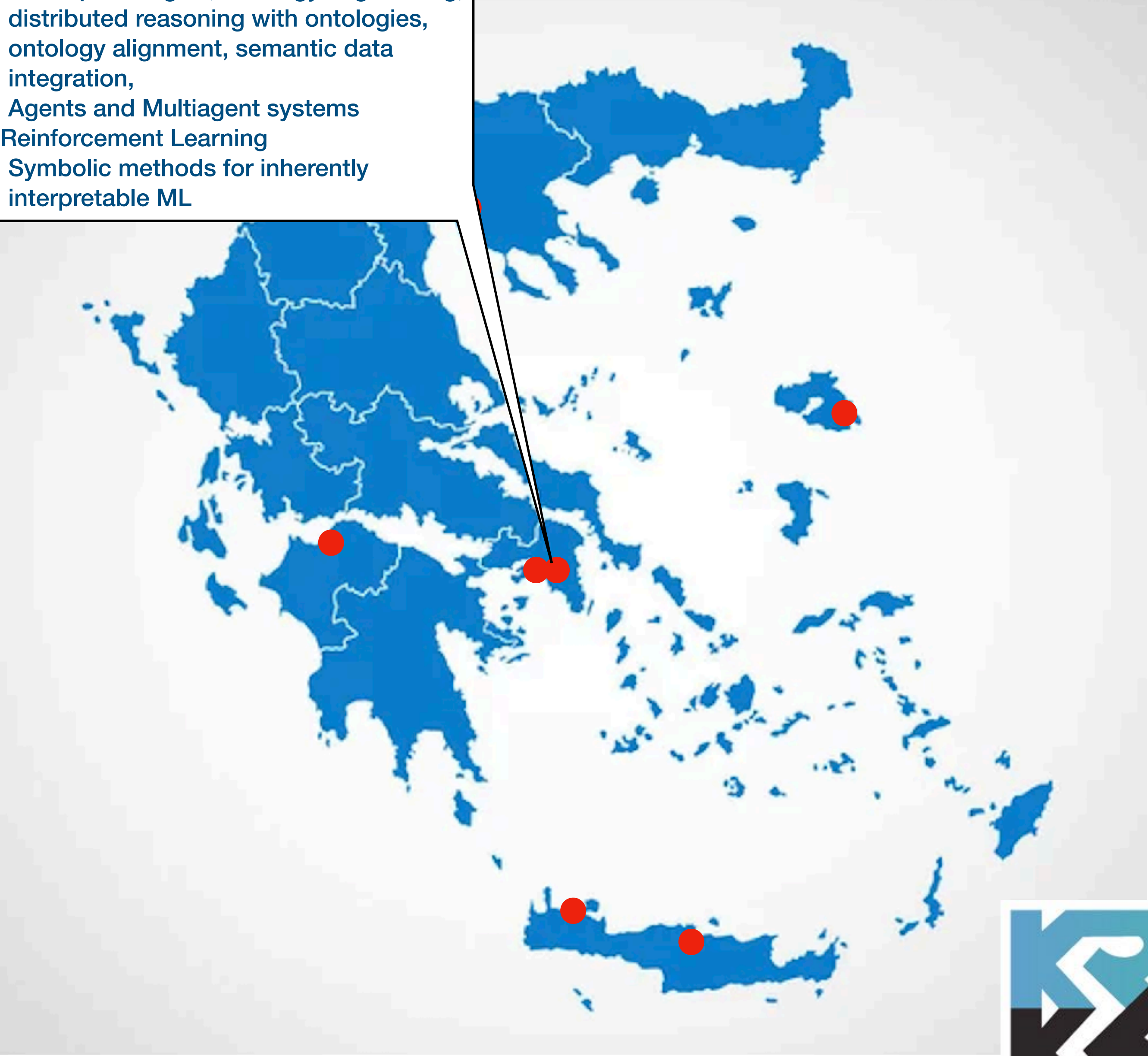
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Artificial Intelligence Society

- University of Piraeus
AI Lab, George Vouros
- Description logics, ontology engineering, distributed reasoning with ontologies, ontology alignment, semantic data integration,
 - Agents and Multiagent systems
 - Reinforcement Learning
 - Symbolic methods for inherently interpretable ML

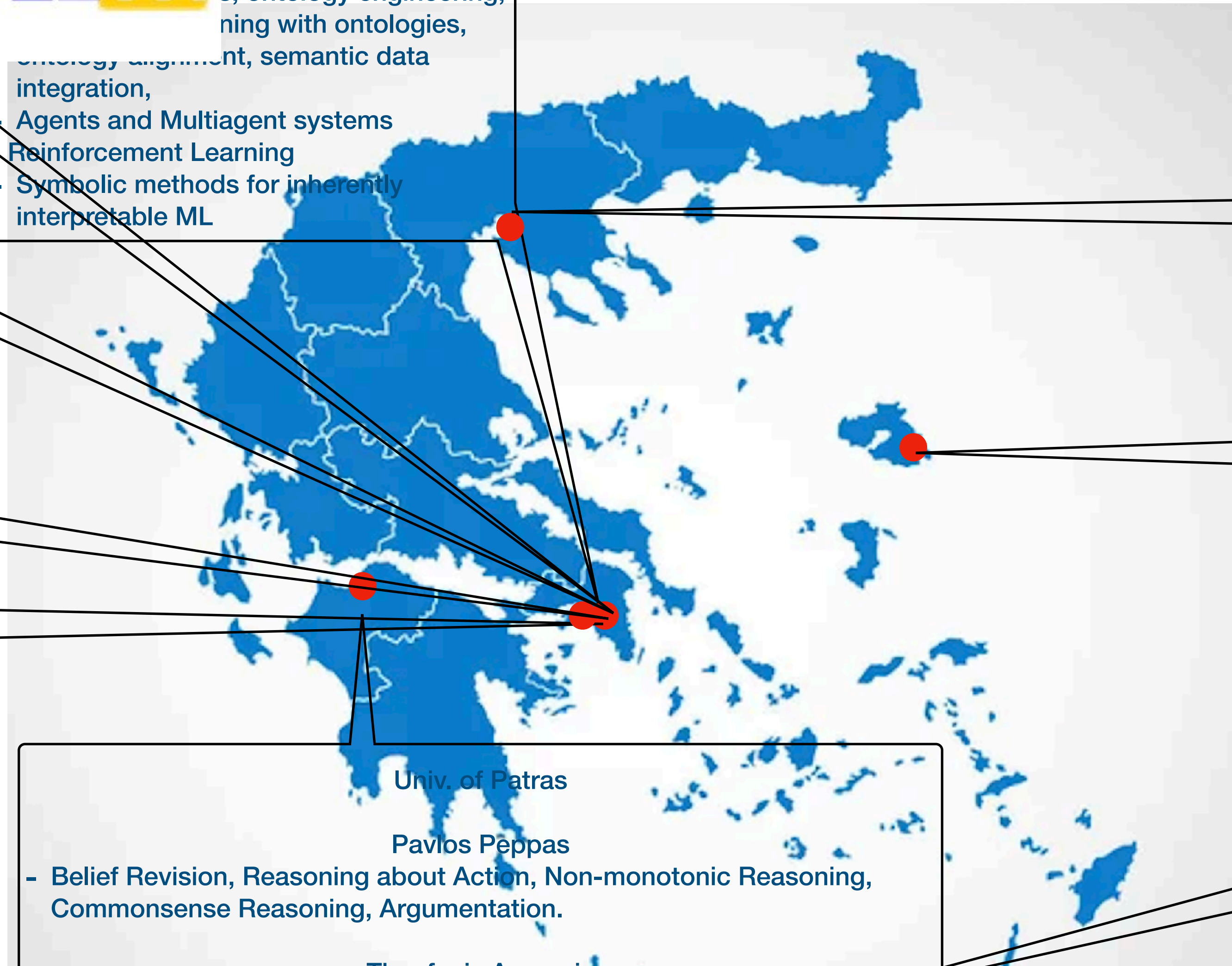






Hellenic Artificial Intelligence Society

- Ontology engineering, reasoning with ontologies, semantic data integration,
- Agents and Multiagent systems
- Reinforcement Learning
- Symbolic methods for inherently interpretable ML



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Manolis Koubarakis

- Semantic web, linked data, knowledge graphs

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- Ontologies

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Chania

Technical University of Crete
Robotics and Computers Laboratory (AMCL)
Intelligent Systems Lab (Symbolic AI group)

- Representation, Explainable Artificial Intelligence, Knowledge Making, Contextual reasoning, Conflict
- Information Systems Lab (Intelligence)
- monotonic/non-monotonic reasoning, computational argumentation frameworks, action languages, knowledge management

Univ. of Patras
Pavlos Peppas

- Belief Revision, Reasoning about Action, Non-monotonic Reasoning, Commonsense Reasoning, Argumentation.

Theofanis Aravanis

- Belief Change, Answer Set Programming, Legal Reasoning

Lab of Information Systems & AI/AI & Robotics Group/Ioannis Hatzilygeroudis

- Hybrid Rule Based Representation & Reasoning, Rule Extraction from Data, Contextual Representation & Reasoning, Rule Based Explainability



of knowledge representation

Corinthian University
and Systems Engineering

- Reasoning meaning in Greek text. users using semantic data. generating summaries.



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