I(nterPARES) Trust AI

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The InterPARES Project (1999-2027)

- **Inter**national **R**esearch on **P**ermanent **A**uthentic **R**ecords in **E**lectronic **S**ystems – **Among Peers**
- One project in five phases aimed to ensure the continuing **reliability, accuracy and authenticity** of records across technological change
- A project involving **many disciplines and both the public and private sectors**
- Researchers from many countries and many disciplines trusting the guidance of the concepts and principles of **archival science** and **diplomatics**: **archival diplomatics**

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I(nterPARES) Trust AI Project

I Trust AI, the 5th phase of the InterPARES project (1998-2026), aims to design, develop, and leverage Artificial Intelligence to support the ongoing availability and accessibility of trustworthy records by forming a sustainable, ongoing partnership producing original research, training students and other highly qualified personnel (HQP), and generating a virtuous circle between academia, archival institutions, government records professionals, and industry, a feedback loop reinforcing the knowledge and capabilities of each party.

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Research Goals: AI for Archives, AI by Archives, AI in Archives

- AI for Archives: Identifying existing AI technologies that can address critical records and archives challenges;
- **AI by Archives: Developping AI tools** to be used specifically by archives;
- **AI in Archives: Ensure accountability** of archives when using AI tools, be they commercial or developed in house

In all cases the I Trust AI project aims to

Ensure that archival diplomatics concepts and principles inform the development of AI tools

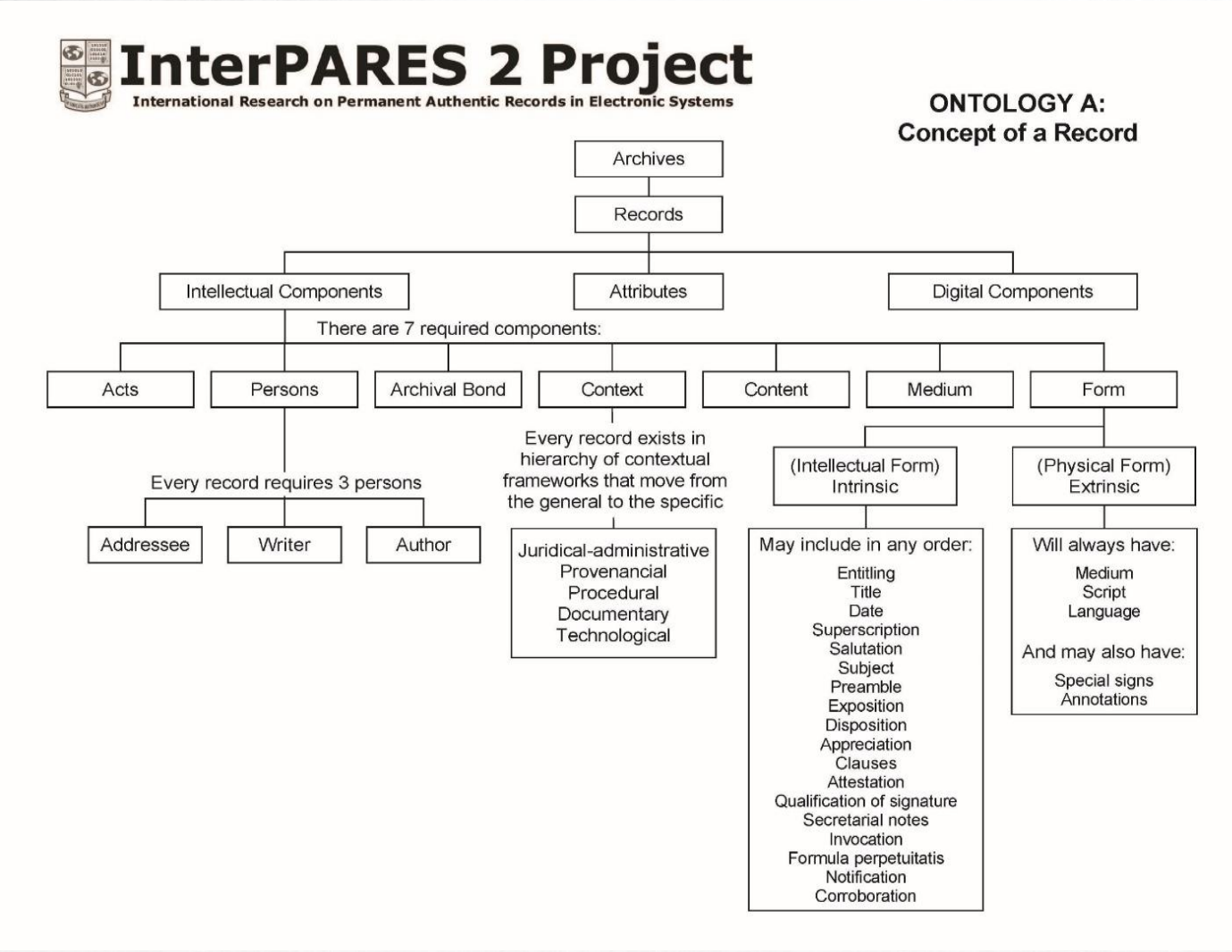
Which Concepts and Principles?

What about Methods?

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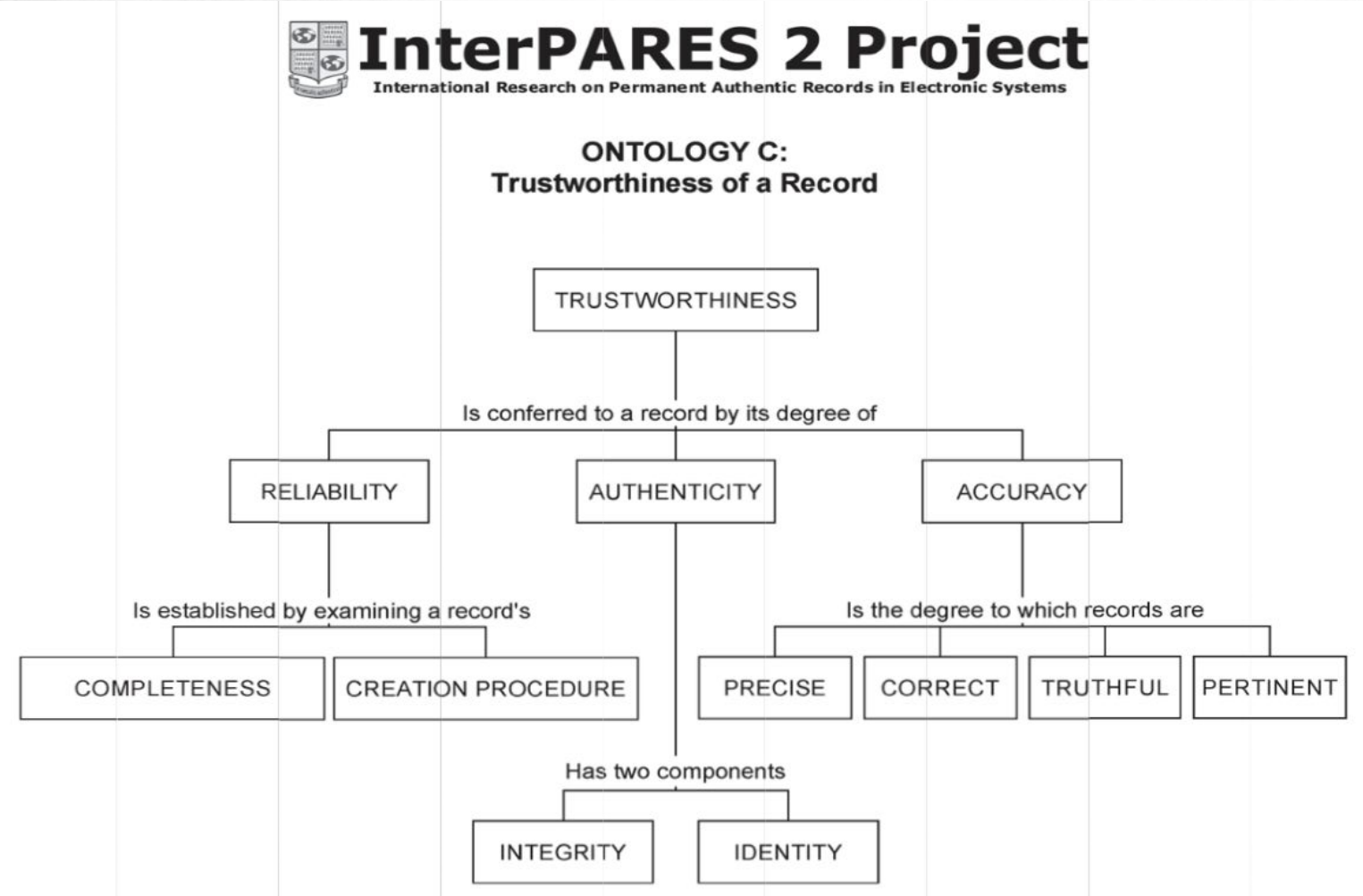


The Concept of Record



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The Concept of Trustworthiness



Methods?

- Diplomatic Analysis vs Labeling
- Archival Contextual Analysis: Documentary, Procedural, Juridical-Administrative, Provenancial, Technological
- Paleographic Analysis

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Participants

- 101 partner organizations in 42 countries (in 5 continents-NA, SA, EU, Africa, Asia)
- 131 co-applicants (academics)
- 129 collaborators (professionals)
- 3 postdocs
- 10-20 Graduate Academic Assistants in various countries in any given year

Experts in archival diplomatics, history, information studies, law, forensics, computer vision, computer engineering, computer science, and education

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Indirect Outcomes

- New Professionals: by the end of the project, next March 31st, over 100 professionals will have worked as student research assistants on case studies, with test-bed organizations, and will spread the acquired knowledge, without counting all the future professionals taught such knowledge during their courses of study
- Students from other disciplines: computer scientists, lawyers, etc. are starting to understand and value the archival diplomatics perspective in their work and the impact of records and recordkeeping on the broader society
- Knowledge co-creation: the project outcomes will enrich research in archival science, records management, AI, cybersecurity, information science, law, and ethics, through knowledge exchange and uptake between scholars and practitiners within and among those disciplines.
- Sensitizing AI developers, scholars, and other members of that community to the role of AI in record keeping and archival preservation and to the role of archival concepts and principles in AI design and development.

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Studies

- Studies are **all international and interdisciplinary**
- Focus on all aspects of archival functions
  1. Creation and use of trustworthy records
  2. Appraisal and acquisition of archival material
  3. Arrangement and description
  4. Retention and preservation
  5. Management and administration of records and archives
  6. Reference and access



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