Call for Papers for a Special Section on

Computational Ethics and Accountability

Intelligent Systems for Business Ethics and Social Responsibility

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ACM Transactions on Internet Technology

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Submission

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Please select **"Special Section: Computational Ethics and Accountability"** under Manuscript Type dropdown in the Manuscript Central website.

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Individual and organizational actions have social consequences that call for the implementation of recommendations of good conduct at multiple levels of granularity. For instance, government agencies identify transparency as a key value that promotes accountability, public participation, collaboration, and effectiveness. For firms , business ethics and compliance programs are becoming critical and, as the OECD reports, a growing number of firms issue voluntary codes of conduct to express commitment to values like legal compliance, accountability, privacy, and trust.

The *traceability*, *evaluation*, and *communication* of values and good conduct is an open challenge that can be faced with the support of *intelligent systems*.

On the one hand, specialized management systems evolve for helping organizations respect their commitments. On the other hand, the application of intelligent systems for sharing authority and delegating decisions introduces challenges and requirements for building systems for handling ethical issues, e.g. serving the orthogonal requirements of transparency, accountability, and privacy preservation.

We invite high-quality submissions that develop new insights, models, formal theories, methodologies, systems, and applications where concerns on ethics and social responsibility are dealt with, based on intelligent systems.

Multiagent systems, semantic web and agreement technologies, value sensitive design are just some of the research areas, whose methods and results can fruitfully support business ethics and social responsibility. We especially welcome submissions that make significant *computational advances* across the following dimensions.

MODELS AND METHODS *(include but are not limited to)*

- Normative multiagent systems, organizations, norms, institutions, and sociocognitive-technical systems
- Semantic and agreement technologies
- Accountability, individual and collective ethics, ethics of personalization, human values and value theory, value sensitive design, ethics by/in design, ethics and autonomous systems, and ethical engines and reasoning
- Legal reasoning, computable contracts, and computational law
- Knowledge management, reasoning, business processes, learning, data mining, knowledge extraction, social computing, social networks, data-aware approaches, software engineering, and recommendation systems

ISSUES AND APPLICATIONS (*include but are not limited to)*

- Transparency, trust and reputation, organizational ethics, and social responsibility
- Privacy, legal and norm compliance, and (distributed) computational justice
- Finance and business transactions, fair business practices, (human-resource) management, consumer protection, economic system, corruption, taxation, and sales and marketing
- Health care, public administration, research, smart cities, security and surveillance, and decision support