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Artificial Intelligence for Online Safety

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Message from the Guest Editors

Dear Colleagues,

In recent years, AI has taken on an increasingly central role in threats prevention. The reason why AI techniques are so popular and widely used in the threats and fraud detection industry is due to (i) their fast computational power in analyzing and processing data and extracting new patterns; (ii) their scalability, as models become more accurate and effective in prediction the more data they receive; (iii) their efficiency in obtaining results compared to manual efforts.

Although both industry and academia fields have always invested significant efforts in tackling the above-mentioned problems, we have identified a gap between the fields.

This Special Issue aims at bringing together research from a wide array of disciplines (mathematics, computer science, economy, philosophy, social science) to (i) understand the cases and motivations of fraudulent activities in online environments, (ii) find AI solutions to detect and analyze threats, malicious activities and the spread and misinformation, and (iii) derive means to prevent them.