

# Artificial Intelligence for Policing

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**Abstract.** In this talk we provide an overview of how Artificial Intelligence and technology development can contribute to existing policing practices. In particular, we will discuss three different projects conducted in the context of the Centre of Policing Research and Learning of the Open University (<http://centre-for-policing.open.ac.uk>). The first project, policing engagement via social media, provides an overview of how police forces in the UK make use of social media to communicate with the public, and what attracts citizens to engage with social media policing content. The second project, detecting grooming behaviour on social media, describes the problem of child grooming online, and our proposed approach to automatically identify the different stages of grooming behaviour from online content. The third project, radicalisation detection on social media targets the problem of online radicalisation, where individuals are introduced to extreme views, primarily through the use of social media. Within this context our work focuses on the detection of pro-ISIS stances and on the understanding of the processes that influence the adoption of radicalised behaviour. This talk will explore the opportunities and limitations of using AI techniques, and particularly social media analysis methods, to introduce change within the policing landscape, with a greater emphasis on evidence-based practice.