



IAEA International Conference on Radiation Safety:  
Improving Radiation Protection in Practice (*Virtual Event*)  
9-20 November 2020

## Round Table: Challenges in the Regulation of Non- Medical Human Imaging

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**DATE:** Thursday, 19 November (11:30-13:00 CET)

**LOCATION:** VIRTUAL

### BACKGROUND:

Non-medical human imaging is the intentional exposure of individuals to radiation for purposes other than medical diagnosis, medical treatment or biomedical research.

These practices are widespread in society, but the public may not always be aware that they involve the use of radiation. While most people are familiar with security screening at airports, these procedures are now routinely used to screen spectators at major sporting events as well as staff and visitors entering prisons. They are also used to underpin insurance policies and to determine the age of immigrants, often minors, who have lost their papers.

The IAEA safety standards state that non-medical human imaging is normally deemed to be not justified. However, in exceptional circumstances the government or regulatory body may decide that the justification of human imaging for specific practices can be considered. If deemed to be justified, practices involving non-medical human imaging must be regulated appropriately.

The Round Table will consider the role of the regulatory body in justifying and regulating non-medical human imaging and how the interface between safety and security can be managed. Ethical considerations will also be discussed.

### HOW TO ATTEND:

The round table will be accessible through the [IAEA Conferences and Meetings App](#). Interested participants can register via this [link](#). Registered participants will be able to view the discussion and submit questions during the live event or beforehand.

**Chair:** Mr Alex Kalaiziovski, Australia

**Co-chair:** Mr Carl Bladh, Sweden

**Rapporteur:** Mr Ronald Pacheco, IAEA

### **Presentations:**

**Ms Olga German, IAEA:** Justification and authorization in relation to non-medical human imaging

**Mr Denis Remedios, UK:** Application of non-medical human imaging in sport and for age assessment

**Mr Andreas Reis, WHO:** Ethical aspects of non-medical human imaging



**Panel members:**

Mr Shengli Niu, ILO

Mr Alejandro Lapasta, Argentina

Mr Nurhadiansyah Nurhadiansyah, Indonesia

Mr Charles Massey, IAEA

