

EUCIC Certificate Programme

Automation in infection prevention and control: surveillance, outbreak monitoring and beyond

Utrecht, Netherlands
12 - 14 May 2025



Automation in infection prevention and control: surveillance, outbreak monitoring and beyond

Utrecht, Netherlands



Faculty Members

Germany	Seven Aghdassi
Netherlands	Richard Bartels
Germany	Michael Behnke
Netherlands	Hanneke van Deutekom
Netherlands	Maike van Mourik
Netherlands	Stephanie van Rooden
Netherlands	Valentijn Schweitzer
Sweden	Suzanne van der Werff

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Day 1 Monday, 12 May 2025

9:00 – 9:30	Welcome and coffee
9:30 – 9:45	Course introduction Maaïke van Mourik
9:45 – 10:30	Basic principles of automated HAI surveillance (1) Maaïke van Mourik
10:30 – 11:00	Coffee
11:00 – 11:45	Basic principles of automated HAI surveillance (2) Maaïke van Mourik
11:45 – 12:30	Basic principles of automated outbreak detection systems (AODS) Seven Aghdassi
12:30 – 13:15	Lunch
13:15 – 14:15	Data sources for automated HAI surveillance and AODS Michael Behnke
14:15 – 15:15	Selection of HAI surveillance algorithms Maaïke van Mourik
15:15 – 15:30	Break
15:30 – 17:30	Workshop : designing your automated surveillance solutions (AS-HAI or AODS) Faculty

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Day 2 Tuesday 13 May 2025

9:00 – 10:00	Tour of automated surveillance solutions Faculty
10:00 – 10:30	From algorithm to real life Seven Aghdassi
10:30 – 11:00	Coffee
11:00 – 12:00	Implementing automated surveillance & IT solutions Richard Bartels
12:00 – 13:00	Automated surveillance from the coordinating centre perspective Stephanie van Rooden
13:00 – 13:45	Lunch
13:45 – 14:45	Hospital IT and infection prevention IT for dummies Michael Behnke
14:45 – 15:45	Software as a Medical Device: a primer Hanneke van Deutekom
15:45 – 16:00	Break
16:00 – 17:30	Workshop : Write your business case and project plan Faculty
18:30	Course Dinner

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**Day 3 Wednesday, 14 May 2025**

9:00 – 10:00	Tour of project plans Faculty
10:00 – 11:00	Governance, privacy and legal aspects of automated HAI surveillance Stephanie van Rooden
11:00 – 11:30	Coffee
11:30 – 12:30	Quality assurance and validation To be determined
12:30 – 13:15	Lunch
13:15 – 14:30	Making use of surveillance: Study designs to draw conclusions (1) Valentijn Schweitzer
14:30 – 14:45	Break
14:45 – 15:00	Making use of surveillance: Study designs to draw conclusions (2) Valentijn Schweitzer
16:00 – 17:00	AI : introduction of key concepts Suzanne van der Werff
17:00 – 17:30	Evaluation and closing remarks

Programme

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