



Erasmus+

# Training in Coq

Metz, France, March 21-25, 2022



UNIVERSITÉ  
DE LORRAINE

UFR MATHÉMATIQUES INFORMATIQUE  
MÉCANIQUE ET AUTOMATIQUE

## Agenda

### Monday 21.03

09.00 – 09.30

Reception

09.30 – 10.00

Welcome

**Session 1 (Public lectures in *Petit amphi*)**

10.00 – 10.50

Lecture: Introduction to Coq

10.50 – 11.10

*Coffee break*

11.10 – 12.00

Lecture: Propositions and predicates

12.00 – 14.00

*Lunch*

**Session 2 (Private meeting in *Salle de réunion*)**

14.00 – 18.00

ARC book / individual session

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### Tuesday 22.03

09.00 – 10.20

**Session 3 (Public lectures in *Petit amphi*)**

Lecture: Making proofs in Coq

10.20 – 10.40

*Coffee break*

10.40 – 12.00

Lecture: Proofs about programs

12.00 – 14.00

*Lunch*

**Session 4 (Private meeting in *Salle de réunion*)**

14.00 – 18.00

ARC book / individual session

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## Wednesday 23.03

	<b>Session 5 (Private meeting in <i>Salle de réunion</i>)</b>
09.00 – 12.00	ARC book / individual session
12.00 – 13.30	<i>Lunch</i>
	<b>Session 6 (Private meeting in <i>Salle de réunion</i>)</b>
13.30 – 17.30	ARC book / individual session
19.30 – 22.00	<i>Official dinner of the meeting</i>

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## Thursday 24.03

	<b>Session 7 (Public lectures in <i>Petit amphî</i>)</b>
09.00 – 10.20	Lecture: Inductive data types
10.20 – 10.40	<i>Coffee break</i>
10.40 – 12.00	Lecture: Inductive properties I
12.00 – 14.00	<i>Lunch</i>
	<b>Session 8 (Private meeting in <i>Salle de réunion</i>)</b>
14.00 – 18.00	ARC book / individual session

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## Friday 25.03

	<b>Session 9 (Public lectures in <i>Petit amphî</i>)</b>
09.00 – 10.20	Lecture: Inductive properties II
10.20 – 10.40	<i>Coffee break</i>
10.40 – 12.00	Lecture: Recursive functions in Coq
12.00 – 14.00	<i>Lunch</i>
	<b>Session 10 (Private meeting in <i>Salle de réunion</i>)</b>
14.00 – 18.00	ARC book / individual session

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