

MoSaiQC | ITN

Modular Systems for advanced integrated Quantum Clocks

D4.4 MoSaiQC MOOC

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GLOSSARY

ESR	Early Stage Researcher
GA	Grant Agreement
MOOC	Massive Online Open Course
PM	Project Manager
UoB	University of Birmingham
UvA	University of Amsterdam
WP	Work Package

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Executive summary

The MoSaiQC (Massive Open Online Course) MOOC was created based on recordings of lectures at various MoSaiQC training events. It is available as free-to-use content at https://www.mosaiqc.eu/mooc.html. All content is used with permission of the copyright holder and published with prior consent of the lectures. It provides a valuable resource for junior (PhD-level) scientists from both within and outside the MoSaiQC project.

1 List of contributors

Name	Organisation	Role
Ineke Brouwer	UvA	Project Manager
Florian Schreck	UvA	Deliverable editor
Yeshpal Singh	UoB	Internal reviewer

2 Introduction

As part of WP4 - Dissemination and Outreach, a MoSaiQC Massive Open Online Course (MOOC) has been created: https://www.mosaiqc.eu/mooc.html. The course consists of selected lectures that were part of MoSaiQC training events. The overarching topic of the MOOC is optical atomic clocks and all physics and technology needed to make new and better quantum clocks. The course is aimed at junior (PhD-level) researchers and is available as free-to-use content with prior permission from the copyright holders. The MOOC provides a valuable resource to the MoSaiQC ESRs to revisit the learnings from the various MoSaiQC events, as well as providing training opportunities for junior researchers outside the MoSaiQC project.

3 Course content

The complete course can be found at https://www.mosaiqc.eu/mooc.html. All recordings are also available in a dedicated YouTube channel: https://www.youtube.com/@MoSaiQCMOOC-ke4ci. Lectures of 4 different events organised for the iqClock (EU Horizon 2020, GA 820404) and MoSaiQC projects were contributed.

3.1 iqClock Autumn School *"Clocks, Cavities and Fundamental Physics"* - Torun, September 2019

The following lectures from the iqClock Autumn School *"Clocks, Cavities and Fundamental Physics"* that took place in Torun (Poland) in September 2019 were contributed to the MOOC:

- *"Laser cooling of neutral atoms: From atom-light interaction to optical lattice clocks"* - Dr. Marco Tarallo, INRIM
- *"Preparing Ultracold Quantum Gases for Precision Measurement"* - Prof. Dr. Florian Schreck, University of Amsterdam
- *"Cosmology: Simple vs Real"* - Dr. Nezihe Uzun, Centre de recherche astrophysique de Lyon
- *"Cosmology: Simple vs Real II"* - Dr. Nezihe Uzun, Centre de recherche astrophysique de Lyon
- *"Optical atomic clocks"* - Prof. Dr. Michal Zawada, UMK Torun
- *"Dark on Light* - Prof. Dr. Dmitry Budker, Johannes Gutenberg University, University of California at Berkeley
- *"Optical clocks, session II"* - Dr. Jérôme Lodewyck, SYRTE, Observatoire de Paris

- *"A short introduction to cavity quantum electrodynamics"* - Prof. Dr. Helmut Ritsch, University of Innsbruck
- *"Light forces in cavities"* - Prof. Dr. Helmut Ritsch, University of Innsbruck
- *"Optical Frequency Combs and Lasers for Industry"* - Dr. Rafal Wilk, TOPTICA
- *"Quantum Hub for Sensors and Metrology"* - Prof. Dr. Yeshpal Singh, University of Birmingham

3.2 MoSaiQC Spring School - Amsterdam, May 2022

The following lectures from the MoSaiQC Spring School that took place in Amsterdam (The Netherlands) in May 2022 were contributed to the MOOC:

- *"Quantum metrology with optical lattice clocks"* - Dr. Jérôme Lodewyck, CNRS/SYRTE
- *"The story of a start-up"* - Dr. Caterina Tabllione, Quix Quantum
- *"Lessons learned in my entrepreneurial journey"* - Dr. Floor van de Pavert, Single Quantum / SuperBra

3.3 MoSaiQC Autumn School *"Quantum Optics, Cold Atoms and Laser Technologies"* - Vienna, September 2023

The following lectures from the MoSaiQC Autumn School *"Quantum Optics, Cold Atoms and Laser Technologies"* that took place in Vienna (Austria) in September 2023 were contributed to the MOOC:

- *"Quo Vadis Thorium-229? Recent progress towards a "Nuclear Clock""* - Prof. Dr. Thorsten Schumm, TU Vienna
- *"Quantum Metrology with interacting Quantum Systems"* - Dr. Karol Gietka, University of Innsbruck
- *"Cumulant mean-field theories for superradiance, frequency measurement and spin squeezing"* - Dr. Yuan Zhang, University of Electronic Science and Technology of China
- "Ultra-stable lasers based on high finesse cavities" - Dewni Pathegama, MSc, TOPTICA
- *"Physics and the Machine I: An (opinionated) overview"* - Dr. Markus Wallerberger, TU Vienna
- *"Physics and the Machine II: Principal Components"* - Dr. Markus Wallerberger, TU Vienna
- *"Quantum computation and simulations with trapped Ions"* - Dr. Milena Guevara-Bertsch, University of Innsbruck
- *"Many-body physics with ultracold magnetic atoms: From supersolids to vortices in neutron stars"* - Lauritz Klaus, MSc, University of Innsbruck

3.4 MoSaiQC Closing Symposium *"Versatile Cold Atoms: From Fundamental Physics to Applications"* - Birmingham, January 2024

The following lectures from the MoSaiQC Closing Symposium *"Versatile Cold Atoms: From Fundamental Physics to Applications"* that took place in Birmingham (UK) in January 2024 were contributed to the MOOC:

- *"Full quantum control of ultracold polar molecules"* - Prof. dr. Simon Cornish, Durham University
- *""How big is your tabletop?" (Many ways to explore fundamental questions)"* - Prof. dr. Dmitry Budker, Helmholtz Institute
- *"Minimalistic nano-optical devices based on dipole coupled quantum emitter arrays"* - Prof. dr. Helmut Ritsch, University of Innsbruck
- *"Quantum computing, its applications and software"* - Dr. Daniel Egger, IBM
- *"Nuclear clocks for testing fundamental physics"* - Prof. dr. Ekkehard Peik, PTB
- *"Testing fundamental physics with ultracold molecules"* - Prof. dr. Michael Tarbutt, Imperial College London

4 Presenter consent and copyright

For all material that was included as part of the MOOC, permission from the presenter was obtained. In addition, all material was checked against copyright regulations.

For obtaining consent from the presenters, we adopted the following procedure:

- Prior to the event, the lecturers were informed about our intention to record the lectures. They were asked whether they agreed with this recording.
- Directly after their presentation, presenters were asked to sign a written consent form (see Appendix). Presenters were then also informed that they can revoke the permission for use of the material at any time.
- After the event, each video was edited, and the finalised recording was shared with the presenter via email. Presenters were then given the opportunity to revoke their permission prior to uploading the video to YouTube. Presenters were informed that the recording would be published on YouTube 2 weeks after this email was sent out.
- At least 2 weeks after sharing of the video with the presenter, the video was uploaded on a dedicated YouTube channel (https://www.youtube.com/@MoSaiQCMOOC-ke4ci) and a link was placed on the MOOC website (https://www.mosaiqc.eu/mooc.html).
- Presenters are free to revoke the permission to use the recording at any time.

To check videos against copyright regulations, the reference to each image that was used in the presentation was checked, and, in the copyright statement, it was verified that the image was free to distribute. If it was not free to distribute or the copyright information was not findable, the image was blurred in the recording.

5 Deviations from the Description of the Action

The MOOC was developed according to the DoA. However, recordings are not available from all MoSaiQC training events, as technical difficulties prevented recording at some locations, and, for several lectures, the quality of the audio was insufficient, deeming the recordings unusable.

6 Conclusions

The MoSaiQC MOOC is available as free-to-use content at https://www.mosaiqc.eu/mooc.html.

7 Appendices

The next pages provide the scanned recording permission forms from all recordings that are part of the MOOC.

I hereby give my consent for my presentation given during the autumn school "Clocks, Cavities, and Fundamental Physics" (15-20.09.2019, Torun, Poland) to be recorded for educational purposes, and published on the Nicolaus Copernicus University website and YouTube channel or similar medium as part of the Massive Open Online Course in the context of the MSCA-ITN project MoSaiQC.

MARCO G. TARALLO	15/09/19	
Name and surname	Date	Signature

I hereby give my consent for my presentation given during the autumn school "Clocks, Cavities, and Fundamental Physics" (15-20.09.2019, Torun, Poland) to be recorded for educational purposes, and published on the Nicolaus Copernicus University website and YouTube channel or similar medium as part of the Massive Open Online Course in the context of the MSCA-ITN project MoSaiQC.

Florian Schreck	17. 9. 2019	F. Schreck
Name and surname	Date	Signature

I hereby give my consent for my presentation given during the autumn school "Clocks, Cavities, and Fundamental Physics" (15-20.09.2019, Torun, Poland) to be recorded for educational purposes, and published on the Nicolaus Copernicus University website and YouTube channel or similar medium as part of the Massive Open Online Course in the context of the MSCA-ITN project MoSaiQC.

Nezih Ugur	15/09/19	
Name and surname	Date	Signature

I hereby give my consent for my presentation given during the autumn school "Clocks, Cavities, and Fundamental Physics" (15-20.09.2019, Torun, Poland) to be recorded for educational purposes, and published on the Nicolaus Copernicus University website and YouTube channel or similar medium as part of the Massive Open Online Course in the context of the MSCA-ITN project MoSaiQC.

MICHAŁ ZAWADA

15.09.2019

Name and surname | Date | Signature

I hereby give my consent for my presentation given during the autumn school "Clocks, Cavities, and Fundamental Physics" (15-20.09.2019, Torun, Poland) to be recorded for educational purposes, and published on the Nicolaus Copernicus University website and YouTube channel or similar medium as part of the Massive Open Online Course in the context of the MSCA-ITN project MoSaiQC.

DMITRY BUDKER 17 Sept. 2019

Name and surname | Date | Signature

I hereby give my consent for my presentation given during the autumn school "Clocks, Cavities, and Fundamental Physics" (15-20.09.2019, Torun, Poland) to be recorded for educational purposes, and published on the Nicolaus Copernicus University website and YouTube channel or similar medium as part of the Massive Open Online Course in the context of the MSCA-ITN project MoSaiQC.

Name and surname	Date	Signature
Łukasz Lodewyk	17/09/2019	

I hereby give my consent for my presentation given during the autumn school "Clocks, Cavities, and Fundamental Physics" (15-20.09.2019, Torun, Poland) to be recorded for educational purposes, and published on the Nicolaus Copernicus University website and YouTube channel or similar medium as part of the Massive Open Online Course in the context of the MSCA-ITN project MoSaiQC.

Name and surname	Date	Signature
Helmut Ritsch	17/09/19	

I hereby give my consent for my presentation given during the autumn school "Clocks, Cavities, and Fundamental Physics" (15-20.09.2019, Torun, Poland) to be recorded for educational purposes, and published on the Nicolaus Copernicus University website and YouTube channel or similar medium as part of the Massive Open Online Course in the context of the MSCA-ITN project MoSaiQC.

Rafał Wilk	15.09.2019	Rafał Wilk
Name and surname	Date	Signature

I hereby give my consent for my presentation given during the autumn school "Clocks, Cavities, and Fundamental Physics" (15-20.09.2019, Torun, Poland) to be recorded for educational purposes, and published on the Nicolaus Copernicus University website and YouTube channel or similar medium as part of the Massive Open Online Course in the context of the MSCA-ITN project MoSaiQC.

YESHPAL SINGH	19/09/019	
Name and surname	Date	Signature

From:	Jérôme Lodewyck
To:	Ineke Brouwer
Subject:	Re: Permission to use recording of your lecture at the MoSaiQC Spring School in Amsterdam 2022 for online purposes
Date:	dinsdag 23 april 2024 10:03:52
Attachments:	jerome_lodewyck.vcf

Dear Ineke,

yes it is OK, no problem with this.

Best regards,

Jérôme

Le 23/04/2024 à 09:30, Ineke Brouwer a écrit :
> Dear Jérôme,
>
> See my message below – is it ok to use the recording of your lecture at
> the MoSaiQC Spring School in Amsterdam 2022 for online purposes?
>
> Best,
>
> Ineke Brouwer, PhD (she/her)
>
> Project Manager
>
> University of Amsterdam
>
> Available on
>
> Mon | Tue | Thu | Fri
>
> PO Box 94216 | 1090 GE Amsterdam | Room C2.122a
>
> Sciencepark 904 | 1098 XH Amsterdam | The Netherlands
> www.uva.nl <http://www.uva.nl/>
>
> //
>
> /I choose to work flexibly and may send emails outside normal office
> hours. //No need to respond to my emails outside yours./
>
> *From:*Ineke Brouwer
> *Sent:* dinsdag 9 april 2024 17:08
> *To:* Jérôme Lodewyck <jerome.lodewyck@obspm.fr>
> *Subject:* Permission to use recording of your lecture at the MoSaiQC
> Spring School in Amsterdam 2022 for online purposes
>
> Dear Jérôme,
>
> As you may recall, you have delivered a lecture at the MoSaiQC Spring
> School that took place in Amsterdam in May 2022. We had recorded this
> lecture, to provide access to it for the MoSaiQC ESRs (PhD students)
> that could not travel due to Covid/visa-related issues.
>
> Now that we are in the final months of the MoSaiQC project, we are
> assembling all lectures, talks and presentations from the events
> organized by MoSaiQC in a Massive Open Online Course (MOOC). At most
> events, we asked the presenters beforehand whether they would agree to

> contribute their lecture to the MOOC. Unfortunately, we seem to have
> failed to do so at the Spring School in 2022. Due to several changes of
> the MoSaiQC project management, we have only discovered that now.
>
> Therefore, I would like to ask you if you would give us your consent to
> use the recording of your presentation at the MoSaiQC Spring School that
> took place in Amsterdam in 2022 for educational purposes and to be
> published on a YouTube channel or similar medium as part of the Massive
> Open Online Course in the context of the MSCA-ITN project MoSaiQC. This
> permission can be revoked at any moment by sending an email to the
> MoSaiQC project manager (i.brouwer@uva.nl <mailto:i.brouwer@uva.nl>) or
> project coordinator (f.schreck@uva.nl <mailto:f.schreck@uva.nl>).
>
> As we hope to publish the MOOC in the coming weeks, I would kindly ask
> you to let me know latest *April 23, 2024* whether we can use the
> recording of your lecture for these purposes, or whether you prefer we
> do not include it. If you do give us permission, I will edit your
> recording (trim the ends and blur out any images that may be
> copyright-protected) and share it with you before publishing.
>
> Kind regards,
>
> Ineke Brouwer, PhD (she/her)
>
> Project Manager
>
> University of Amsterdam
>
> Available on
>
> Mon | Tue | Thu | Fri
>
> PO Box 94216 | 1090 GE Amsterdam | Room C2.122a
>
> Sciencepark 904 | 1098 XH Amsterdam | The Netherlands
> www.uva.nl <http://www.uva.nl/>
>
> //
>
> /I choose to work flexibly and may send emails outside normal office
> hours. //No need to respond to my emails outside yours./
>

From:	Caterina Taballione
To:	Ineke Brouwer
Subject:	Re: Permission to use recording of your lecture at the MoSaiQC Spring School in Amsterdam 2022 for online purposes
Date:	dinsdag 23 april 2024 09:37:23

Dear Ineke,

In principle yes but I think I need to see the video first as some editing might be needed. How can we do that?

Inviato da Outlook per Android

From: Ineke Brouwer <i.brouwer@uva.nl>
Sent: Tuesday, April 23, 2024 9:29:56 AM
To: Caterina Taballione <C.TABALLIONE@QUIXQUANTUM.COM>
Subject: RE: Permission to use recording of your lecture at the MoSaiQC Spring School in Amsterdam 2022 for online purposes

Dear Caterina,

This is a kind reminder of my email below – I would like to obtain permission to use the recording of the indicated lecture for an online course that we are developing.

Best,

Ineke Brouwer, PhD (she/her)
Project Manager
University of Amsterdam

Available on
Mon | Tue | Thu | Fri

PO Box 94216 | 1090 GE Amsterdam | Room C2.122a
Sciencepark 904 | 1098 XH Amsterdam | The Netherlands
www.uva.nl

I choose to work flexibly and may send emails outside normal office hours. No need to respond to my emails outside yours.

From: Ineke Brouwer
Sent: dinsdag 9 april 2024 17:08
To: Caterina Taballione <C.TABALLIONE@QUIXQUANTUM.COM>
Subject: Permission to use recording of your lecture at the MoSaiQC Spring School in Amsterdam 2022 for online purposes

Dear Caterina,

As you may recall, you have delivered a lecture at the MoSaiQC Spring School that took place in Amsterdam in May 2022. We had recorded this lecture, to provide access to it for the MoSaiQC

ESRs (PhD students) that could not travel due to Covid/visa-related issues.

Now that we are in the final months of the MoSaiQC project, we are assembling all lectures, talks and presentations from the events organized by MoSaiQC in a Massive Open Online Course (MOOC). At most events, we asked the presenters beforehand whether they would agree to contribute their lecture to the MOOC. Unfortunately, we seem to have failed to do so at the Spring School in 2022. Due to several changes of the MoSaiQC project management, we have only discovered that now.

Therefore, I would like to ask you if you would give us your consent to use the recording of your presentation at the MoSaiQC Spring School that took place in Amsterdam in 2022 for educational purposes and to be published on a YouTube channel or similar medium as part of the Massive Open Online Course in the context of the MSCA-ITN project MoSaiQC. This permission can be revoked at any moment by sending an email to the MoSaiQC project manager (i.brouwer@uva.nl) or project coordinator (f.schreck@uva.nl).

As we hope to publish the MOOC in the coming weeks, I would kindly ask you to let me know latest **April 23, 2024** whether we can use the recording of your lecture for these purposes, or whether you prefer we do not include it. If you do give us permission, I will edit your recording (trim the ends and blur out any images that may be copyright-protected) and share it with you before publishing.

Kind regards,

Ineke Brouwer, PhD (she/her)
Project Manager
University of Amsterdam

Available on
Mon | Tue | Thu | Fri

PO Box 94216 | 1090 GE Amsterdam | Room C2.122a
Sciencepark 904 | 1098 XH Amsterdam | The Netherlands
www.uva.nl

I choose to work flexibly and may send emails outside normal office hours. No need to respond to my emails outside yours.

From:	Floor van de Pavert
To:	Ineke Brouwer
Subject:	Re: Permission to use recording of your lecture at the MoSaiQC Spring School in Amsterdam 2022 for online purposes
Date:	dinsdag 9 april 2024 18:11:25

Dear Ineke,

Yes, no problem!
Could you share the link with me once it is published?

Best regards,
Floor

On Tue, Apr 9, 2024 at 5:09 PM Ineke Brouwer <i.brouwer@uva.nl> wrote:

> Dear Floor,
>
> As you may recall, you have delivered a lecture at the MoSaiQC Spring School that took place in Amsterdam in May 2022. We had recorded this lecture, to provide access to it for the MoSaiQC ESRs (PhD students) that could not travel due to Covid/visa-related issues.
>
> Now that we are in the final months of the MoSaiQC project, we are assembling all lectures, talks and presentations from the events organized by MoSaiQC in a Massive Open Online Course (MOOC). At most events, we asked the presenters beforehand whether they would agree to contribute their lecture to the MOOC. Unfortunately, we seem to have failed to do so at the Spring School in 2022. Due to several changes of the MoSaiQC project management, we have only discovered that now.
>
> Therefore, I would like to ask you if you would give us your consent to use the recording of your presentation at the MoSaiQC Spring School that took place in Amsterdam in 2022 for educational purposes and to be published on a YouTube channel or similar medium as part of the Massive Open Online Course in the context of the MSCA-ITN project MoSaiQC. This permission can be revoked at any moment by sending an email to the MoSaiQC project manager (i.brouwer@uva.nl) or project coordinator (f.schreck@uva.nl).
>
> As we hope to publish the MOOC in the coming weeks, I would kindly ask you to let me know latest **April 23, 2024** whether we can use the recording of your lecture for these purposes, or whether you prefer we do not include it. If you do give us permission, I will edit your recording (trim the ends and blur out any images that may be copyright-protected) and share it with you before publishing.
>
> Kind regards,

Ineke Brouwer, PhD (she/her)

Project Manager

University of Amsterdam

Available on

Mon | Tue | Thu | Fri

PO Box 94216 | 1090 GE Amsterdam | Room C2.122a

Sciencepark 904 | 1098 XH Amsterdam | The Netherlands
www.uva.nl

I choose to work flexibly and may send emails outside normal office hours. No need to respond to my emails outside yours.

--
Floor van de Pavert
+31 (0) 642443230

Tharsten

MoSaiQC Autumn School on Quantum Optics, Cold Atoms and Laser Technologies – Recording Agreement

11-14 September, 2023

I hereby give my consent for my presentation given during the "MoSaiQC Autumn School on Quantum Optics, Cold Atoms and Laser Technologies" to be recorded for educational purposes, and to be published on a YouTube channel or similar medium as part of the Massive Open Online Course in the context of the MSCA-ITN project MoSaiQC. This permission can be revoked at any moment by sending an email to the MoSaiQC project manager (i.brouwer@uva.nl) or project coordinator (f.schreck@uva.nl).

.....

Name and surname

.....

Date

.....

Signature

MoSaiQC Autumn School on Quantum Optics, Cold Atoms and Laser Technologies – Recording Agreement

11-14 September, 2023

I hereby give my consent for my presentation given during the "MoSaiQC Autumn School on Quantum Optics, Cold Atoms and Laser Technologies" to be recorded for educational purposes, and to be published on a YouTube channel or similar medium as part of the Massive Open Online Course in the context of the MSCA-ITN project MoSaiQC. This permission can be revoked at any moment by sending an email to the MoSaiQC project manager (i.brouwer@uva.nl) or project coordinator (f.schreck@uva.nl).

Karl Lietz

.....

Name and surname

11.09.2023

.....

Date

Karl Lietz

.....

Signature

From: Yuan Zhang
To: Ineke Brouwer
Subject: Re: Zoom link and recording agreement for your session at the MoSaiQC Autumn School
Date: maandag 11 september 2023 10:04:20

Dear Ineke Brouwer

Thanks for your email and the link. I will be on time to delivery the lecture tomorrow. I have no problem on recording my lecture, and publishing it in the YouTube. In the following, I provide my consent for this:

I hereby give my consent for my presentation given during the "MoSaiQC Autumn School on Quantum Optics, Cold Atoms and Laser Technologies" to be recorded for educational purposes, and to be published on a YouTube channel or similar medium as part of the Massive Open Online Course in the context of the MSCA-ITN project MoSaiQC. This permission can be revoked at any moment by sending an email to the MoSaiQC project manager (i.brouwer@uva.nl) or project coordinator (f.schreck@uva.nl).

In addition, I will also try to listen some lectures. Thanks again.

Best wishes,
Yuan Zhang

Yuan Zhang

yzhuaudipc@163.com

---- Replied Message ----

From	Ineke Brouwer<i.brouwer@uva.nl>
Date	9/8/2023 19:27
To	yzhuaudipc@163.com<yzhuaudipc@163.com>
Cc	Georgy Kazakov<kazakov.george@gmail.com>
Subject	Zoom link and recording agreement for your session at the MoSaiQC Autumn School

Dear Yuan,

Thank you again for your willingness to contribute to our MoSaiQC Autumn School next week. For your virtual session, you can use the following zoom link:

Zoom-Meeting beitreten:

MoSaiQC Autumn School on Quantum Optics, Cold Atoms and Laser Technologies – Recording Agreement

11-14 September, 2023

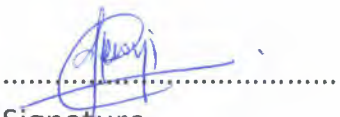
I hereby give my consent for my presentation given during the "MoSaiQC Autumn School on Quantum Optics, Cold Atoms and Laser Technologies" to be recorded for educational purposes, and to be published on a YouTube channel or similar medium as part of the Massive Open Online Course in the context of the MSCA-ITN project MoSaiQC. This permission can be revoked at any moment by sending an email to the MoSaiQC project manager (i.brouwer@uva.nl) or project coordinator (f.schreck@uva.nl).

Dewni Pathegama

Name and surname

12/09/2023

Date



Signature

MoSaiQC Autumn School on Quantum Optics, Cold Atoms and Laser Technologies – Recording Agreement

11-14 September, 2023

I hereby give my consent for my presentation given during the "MoSaiQC Autumn School on Quantum Optics, Cold Atoms and Laser Technologies" to be recorded for educational purposes, and to be published on a YouTube channel or similar medium as part of the Massive Open Online Course in the context of the MSCA-ITN project MoSaiQC. This permission can be revoked at any moment by sending an email to the MoSaiQC project manager (i.brouwer@uva.nl) or project coordinator (f.schreck@uva.nl).

Markus WALLERBERGER

Name and surname

13 IX 2023

Date

Signature

MoSaiQC Autumn School on Quantum Optics, Cold Atoms and Laser Technologies – Recording Agreement

11-14 September, 2023

I hereby give my consent for my presentation given during the "MoSaiQC Autumn School on Quantum Optics, Cold Atoms and Laser Technologies" to be recorded for educational purposes, and to be published on a YouTube channel or similar medium as part of the Massive Open Online Course in the context of the MSCA-ITN project MoSaiQC. This permission can be revoked at any moment by sending an email to the MoSaiQC project manager (i.brouwer@uva.nl) or project coordinator (f.schreck@uva.nl).

Milena Guevara Bertsch

Name and surname

14/09/2023

Date

Milena Guevara

Signature

MoSaiQC Autumn School on Quantum Optics, Cold Atoms and Laser Technologies – Recording Agreement

11-14 September, 2023

I hereby give my consent for my presentation given during the "MoSaiQC Autumn School on Quantum Optics, Cold Atoms and Laser Technologies" to be recorded for educational purposes, and to be published on a YouTube channel or similar medium as part of the Massive Open Online Course in the context of the MSCA-ITN project MoSaiQC. This permission can be revoked at any moment by sending an email to the MoSaiQC project manager (i.brouwer@uva.nl) or project coordinator (f.schreck@uva.nl).

Lavik Klaus

Name and surname

14.09.2023

Date

Signature

MoSaiQC Closing Symposium "Versatile Cold Atoms: From Fundamental Physics to Applications" – Recording Agreement

17-18 January, 2024

I hereby give my consent for my lecture given during the MoSaiQC Closing Symposium "Versatile Cold Atoms: From Fundamental Physics to Applications" to be recorded for educational purposes, and to be published on a YouTube channel or similar medium as part of the Massive Open Online Course in the context of the MSCA-ITN project MoSaiQC. This permission can be revoked at any moment by sending an email to the MoSaiQC project manager (i.brouwer@uva.nl) or project coordinator (f.schreck@uva.nl).

SIMON CORNISH
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Name and surname

17/1/24
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Date

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Signature

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DMITRY BUKER

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Name and surname

17.01.2024

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Date

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Signature

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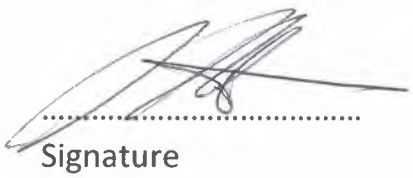
R A SCH

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Name and surname

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Daniel Eggus

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Name and surname

18.01.2024

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Date

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Signature

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Ekkehard Peik

Name and surname

18.1.24

Date

Signature

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MICHAEL TARBUTT

Name and surname

18/01/24

Date

M. Tarbutt

Signature