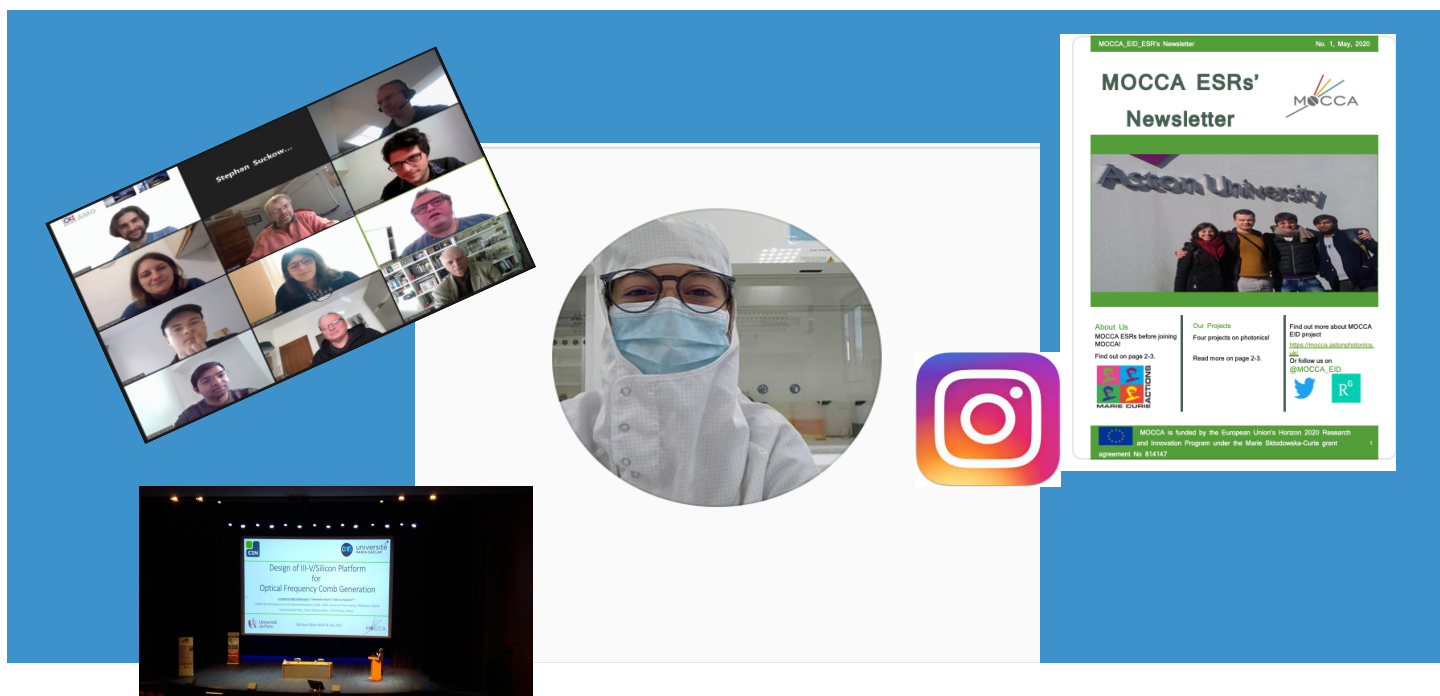




Newsletter



MOCCA training activities,
April 2021- August 2021

Read more on page 3



MOCCA Dissemination and
Outreach activities

In the last few months and despite Covid -19, MOCCA ESRs have organized numerous outreach and dissemination activities

Read more on page 3, 4

Upcoming Events!

An exciting Autumn lies ahead for the MOCCA Consortium.

Find out more on page 5



MOCCA's progresses

MOCCA ESRs, Loredana Massaro, Francesco Talenti and Victor Vassiliev, are all working at their secondment institutions. Due to Covid-19 and the subsequent travel restrictions some of the secondments are taking place remotely. Loredana Maria Massaro is currently doing her second secondment at AMO. Francesco Rinaldo Talenti's 18-month secondment at Thales has started in December 2020, when he moved in Paris where he is currently. In March 2021, Victor Vassiliev has started a 18-month secondment at AMO remotely.

All ESRs are working on their research and taking part (or organizing) various events to disseminate the results. Loredana Massaro has now an Instagram account where it is possible to follow the progress of her work, while Avinash Kumar writes a blog published on the MOCCA web page (<https://mocca.astonphotonics.uk/avinashs-blog/>). MOCCA ESRs also run their own newsletter, which can be read on the MOCCA website (<https://mocca.astonphotonics.uk/esrs-newsletter-2/>). The last two issues of the newsletter were devoted to the research of Loredana and Francesco and the forthcoming numbers will be focused on Avinash's and Victor's work.



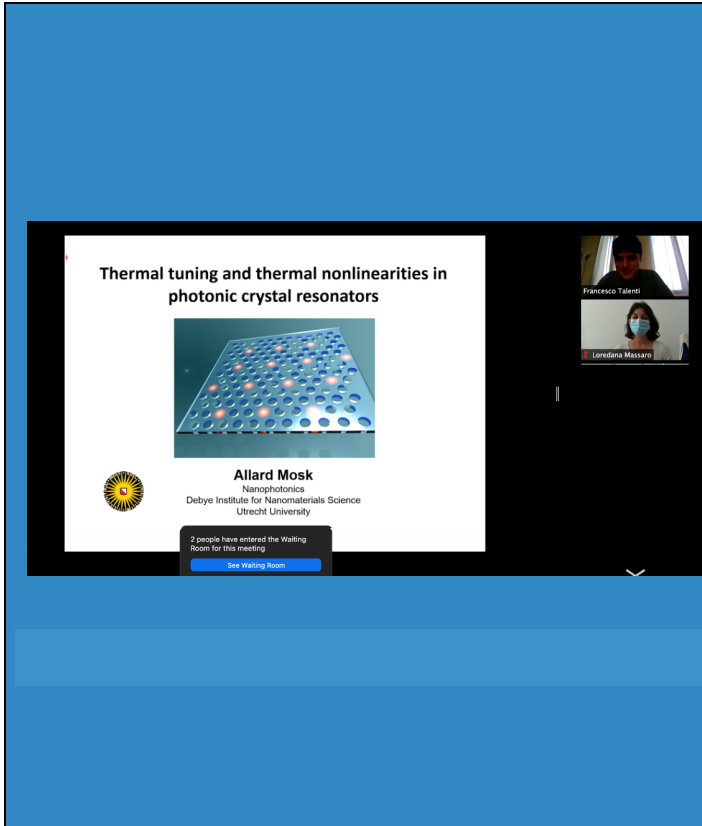
MOCCA Supervisory Board, IP Advisory board and Management

meetings took place on May 18, 2021 on line. The next SB, IPAB and management meetings have already been scheduled for September 30 and October 1, 2021.

MOCCA Training Activities

(April-August, 2021)

Mini Symposium “Parametric interaction in Photonic Crystals”



Mini Symposium [Mini Symposium Parametric Interaction in Photonic Crystals](https://mocca.astonphotronics.uk/parametric-interaction-in-photonic-crystals/)

was held on April 27, 2021 online. The event was co-organized with EU-funded projects ECLAUsion and another ITN coordinated by Aston: MULTIPLY. The aim of the mini symposium was to discuss the latest research in Photonic Crystals.

To read the programme of the event please follow the link:

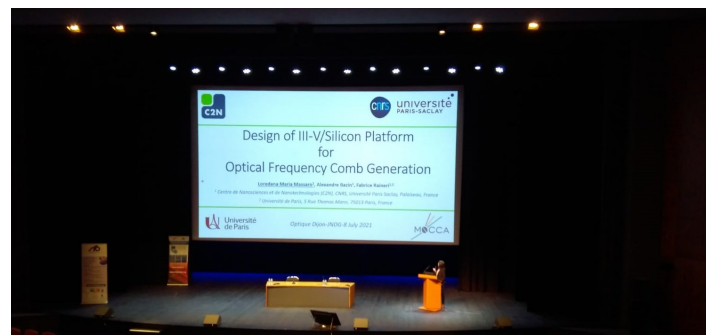
<https://mocca.astonphotronics.uk/parametric-interaction-in-photonic-crystals/>

Dissemination.....

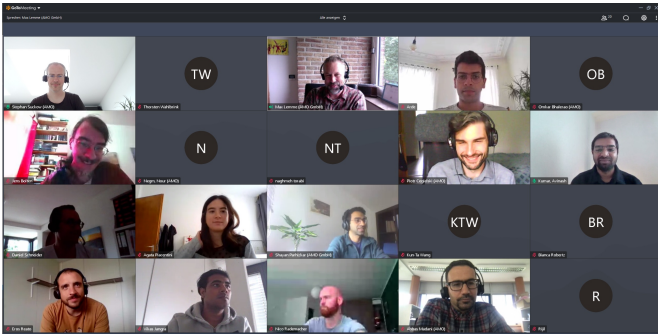


Loredana Massaro presented a paper “Design of III-V/ Silicon Platform for Optical Frequency Comb Generation” at the conference *Optique Dijon 2021*. The conference

took place on 5-9 July 2021.

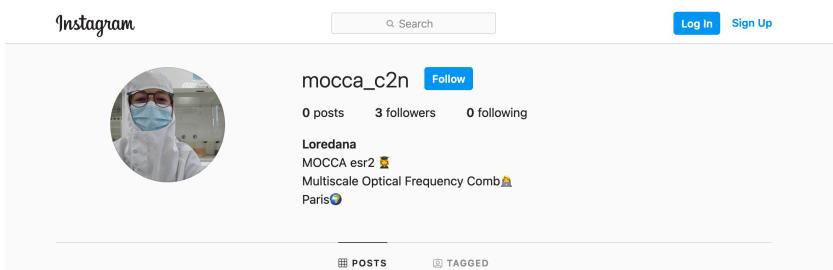


Avinash Kumar presented his research during a joint AMO/RWTH internal seminar held on August 18, 2021.



...and outreach activities

To celebrate the International Day of Light 2021 MOCCA ESRs explained how their research relates to the concept of 'light': Check out the AiPT brochure [here](#)



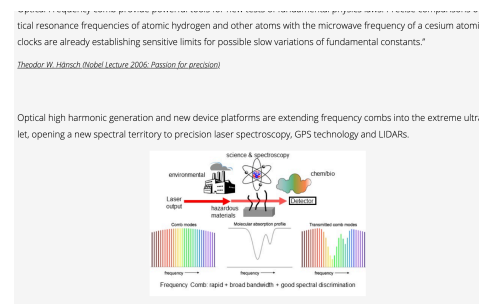
MOCCA ESR Loredana Massaro's work can be now followed on Instagram !!!



https://www.instagram.com/mocca_c2n/?hl=en

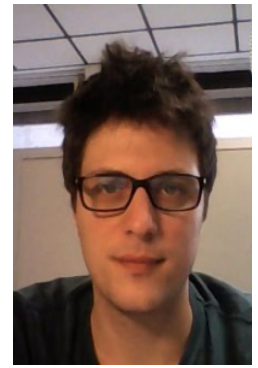
MOCCA ESR, Avinash Kumar, has published a new blogpost on the progresses of his work. Check it out at

<https://mocca.astonphotonics.uk/avinashs-blog/>





In May 2021, a new issue of the MOCCA ESRs' Newsletter has been published! In this Issue Francesco Talenti talks about his research. Check it out at <https://mocca.astonphotonics.uk/esrs-newsletter-2/>



For more info on dissemination and outreach activities, see: <https://mocca.astonphotonics.uk/news/>

Upcoming Activities

MOCCA Workshop 3 and the **Mini Symposium "Field dynamics in Microresonators and active cavities"** (organized by La Sapienza University of Rome) are scheduled for September 30 and October 1, 2021.

The next **Supervisory Board** meeting will take place on September 30, 2021.



The **Open-to-all Workshop (OTAW2) "Frequency comb fundamentals and applications"** will be held in November 17-18, 2021. The event is organized in collaboration with another ITN coordinated by Aston: MEFISTA



Stay in Touch and follow us!

<https://mocca.astonphotonics.uk>



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https://www.instagram.com/mocca_c2n/?hl=en



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