Dear members and friends of the CRC 1461,

in the last newsletter we presented a travel report on the fieldtrip to the Everglades and Puerto Rico recently performed by subproject A2 and the SOP. In this newsletter we would like to expand on this fruitful collaboration with a comment by Jan Bielecki and also by showing you some of the impressive pictures by Isabella Beyer and Daniel Saristán (immersive media lab, THL) that originated during the trip (see page 2).

Event-Countdown…

We are getting ready for an eventful start into September 2022. Not only will the 2nd Summer School of the iRTG take place on August 31 to September 2, but the week after we will have the first International Workshop of the CRC 1461 in collaboration with our partners from the University of Groningen, the Netherlands. We are very much looking forward to our icebreaker-event with a poster session by the doctoral researchers on September 5 at CAP 3, CAU Kiel and of course to the following conference on the Color Line (Kiel-Oslo-Kiel). You will receive the final agenda and a conference booklet with all abstracts next week. One more hint: You may not drink the tap water on the Color Line and bottled water is quite expensive. However, we have access to a drinking water tap in the conference area, so consider to bring a resuable bottle 😉

Upcoming Events

Sorry, no colloquium in August!

Aug. 29, 2022 ATM B2 (CAU Kiel): *Circuit Design*

Aug. 31 - Sep. 02, 2022 **Summer School** (NEZ Kollhorst, Kiel, agenda now available in OLAT!)

Sep. 05 – 08, 2022 **CRC International Workshop** (CAU and Color Line)

Members of the CRC
SOP and A3 – A collaboration

Ask not what SOP can do for you – ask what you can do for SOP

One of our finest tasks as scientists is to make our work relatable to the general public. If we fail to do so, not only do we face decreasing funding opportunities, but will also be viewed as an expensive redundancy. I am as frustrated as anybody when politicians are deaf to science when making policies and only steered by public opinion – Especially evident during the recent pandemic, where scientists did not have the necessary impact on decisions processes to constrain COVID-19 virus.

Are only the politicians to blame? Or do we have extended responsibilities during such extraordinary events? Can we expect policy makers to read our, let's face it, elitist journal communications? Do we need to make an extra effort to communicate in a language the general public understands?

Regardless of how you see your role in society, we need the ability to communicate with other people than fellow scientists. This is where our Science Outreach Prog ram (SOP) has its merits.

Project A2 has recently had the pleasure of collaborating with our Science Outreach Program, lead by Isabella Beyer and Daniel Sacristan, on a field trip to the mangrove creeks of Puerto Rico. For A2 this was an opportunity to expand the gene pool of our box jellyfish cultures, whereas SOP aimed to film the box jellyfish in their natural mangrove creek habitat.

Isabella and Daniel made 360° movies of freely behaving animals, and drone filmed the entire creek system. This has provided not only invaluable footage useful in lectures and talks, but also a platform for easy communication with the general public.

As I see it, the only drawback of not doing the imaging yourself is that SOP are not experts in your particular scientific field. You have to spend time to properly introduce your work to them, but this is time well spent in exchange for the very professional results that SOP produce.

I will suggest that you all contact SOP to see how you can help them present your work in the best possible way and even using immersive media tools such as Virtual Reality, 360° projection like in a planetarium or Augmented Reality posters that the SOP team is happy to introduce to you. These tools can visually represent your research and even simulate an experiment if needed.

(Text by Jan Bielecki.)
Please enjoy pictures from the trip on page 2 of the newsletter!

CRC 1461 - Publication Performance	
Journal papers (peer-reviewed)	24
Conference papers (peer-reviewed)	8
Conference contributions	40
Total	**73**

Entrance of one of the lagoons.

Detail of the mangrove that constitutes the natural habitat of the *Tripedalia cystophora.*

Little planet image of the of the mangrove area inhabited by the *Tripedalia cystophora*, with researcher's boat.

Jan Bielecki and a *Tripedalia cystophora* in its natural habitat. (Photo by Jan Bielecki)

The natural habitat of the *Tripedalia cystophora* is a biologically rich environment, house to many other organisms.

Left: Aerial view of the mangrove area inhabited by *Tripedalia cystophora*.

We hope, you enjoyed this newsletter!
Cheers, Sonja, Leonie and Hermann