

COLOSSal News!

Newsletter
Issue 2017-2

COLOSS is a non-profit association for scientific professionals who are dedicated to improving the well-being of honey bees.

We conduct research and disseminate knowledge through our projects, events, newsletters, website, and social media.

For more information about COLOSS, or to find out how you can join or partner our association to promote the health of honey bees through science and networking, please visit our website or contact us.

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Eva Crane Trust Sponsorship

We're proud to announce that the Eva Crane Trust will be collaborating with COLOSS this year as a Conference Event sponsor. Eva Crane strived to produce top-notch apiculture work, and so do we! We look forward to seeing more great work by our members at the conference's poster session.



Eva Crane Trust

In memory of Ingemar Fries

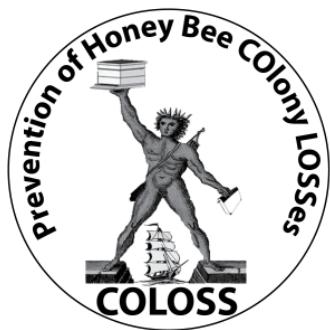
An outstanding researcher, adored colleague and great mentor Ingemar Fries has passed away. He will be remembered for his internationally known and valued research on bee pathogens. We will miss your singing, violin playing and your enormous sense of humour Dear Friend.



Photo credit: Preben Kristiansen



Photo credit: Joel Fries



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Conference

The 13th COLOSS Conference is just around the corner!

WHEN?

Start: Thursday, November 02. 2017

End: Friday, November 03. 2017

WHERE?

Agricultural University of Athens

Iera Odos 75

Athina 118 55, Greece

Registration fee of € 40 (payable on site) will cover all coffee breaks, lunches, and the social dinner.

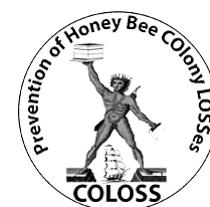
Due to limited financial support, participants will NOT be reimbursed for travel and accommodation.

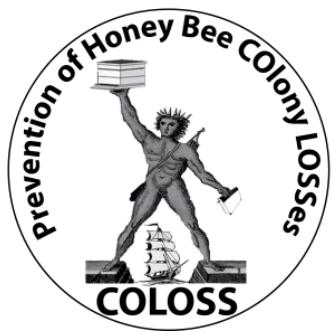
Registration closes on: 05-10-2017

Hurry up and register on the new COLOSS website. The link to the website is [\[HERE\]](#). You will find all the information, as well as the contact to local organizers there.

Please note that you will also be asked to create a new account there.

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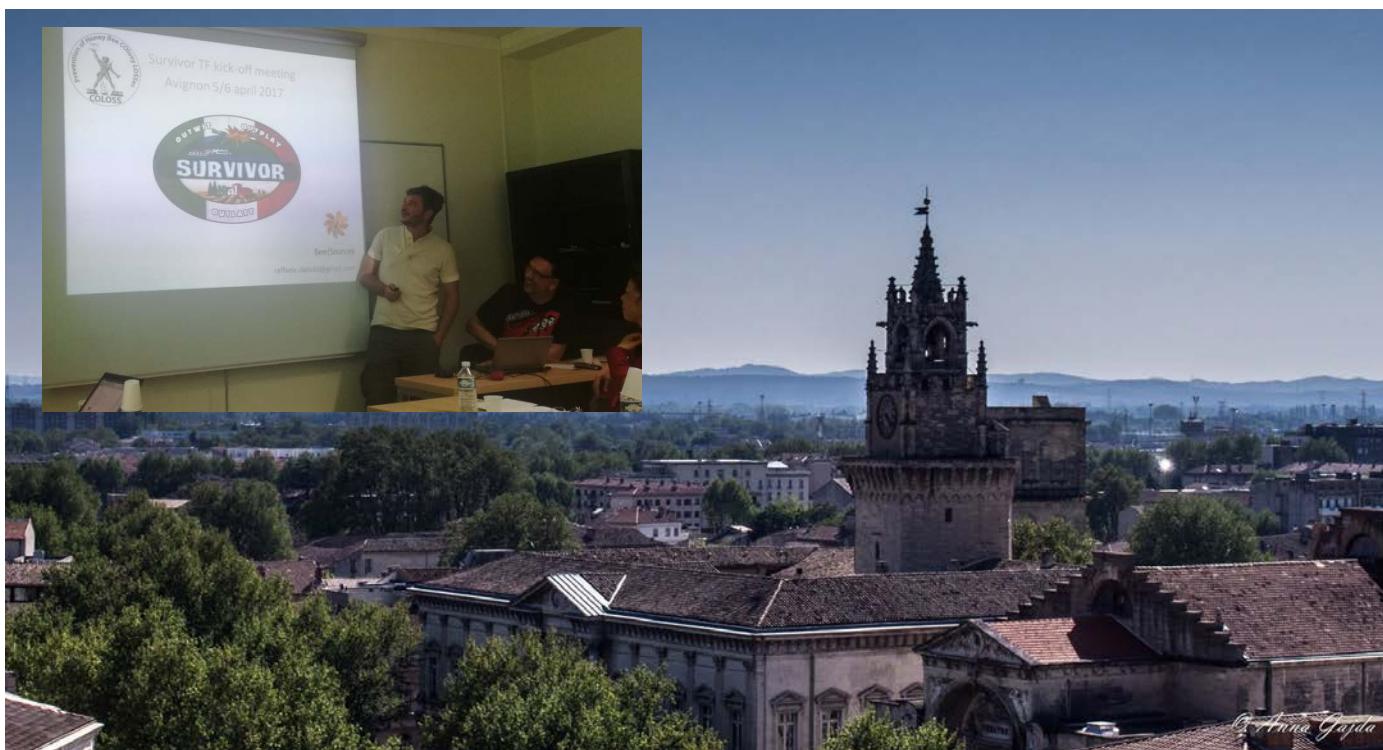
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Workshops

The Survivors TF kick-off workshop was held last April in Avignon. About 20 participants, including some anthropologists, brainstormed about the definition of “survivor populations”, how to scout and classify them and how to collaborate with the beekeepers, who manage them. Every participant reported the situation in their country. Very interesting talks from Tjeerd Blacquiere, Alexis Beaurepaire, Marina Meixner, Claudia Haeussermann were given about *Varroa destructor* biology and its interaction with the host, *Apis mellifera*. Judy Chen, virologist, gave a talk about the importance of brood nest temperature to ensure the health of the hive. Yves LeConte and Barbara Locke summarized about the survivors populations in France and Gotland. The group established to search the COLOSS monitoring database and to deliver a questionnaire over the next winter to detect and classify survivor population. Moreover, the TF shared a common protocol about a possible breed-for-resistance strategy. The next workshop is scheduled for spring 2018 in Bern. Coordinators of the group are Peter Neumann and Fanny Mondet.

Due to lack of a group photo we are giving you a picture of Avignon 😊



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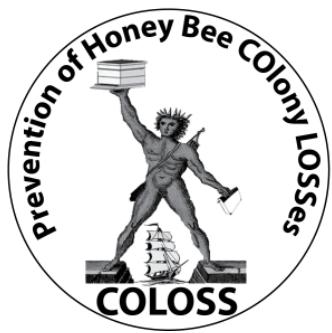


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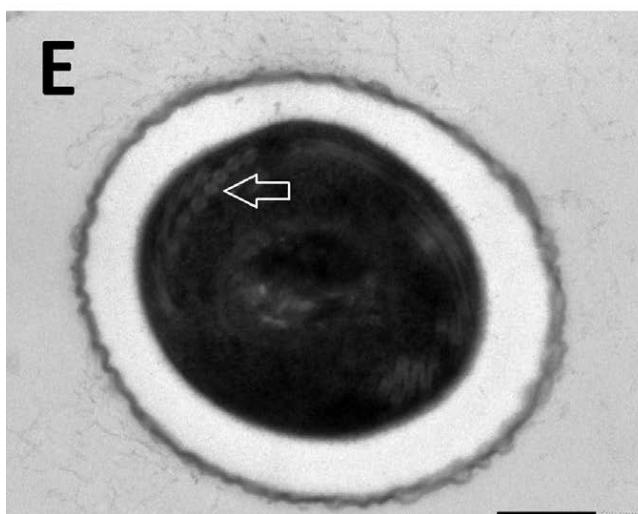
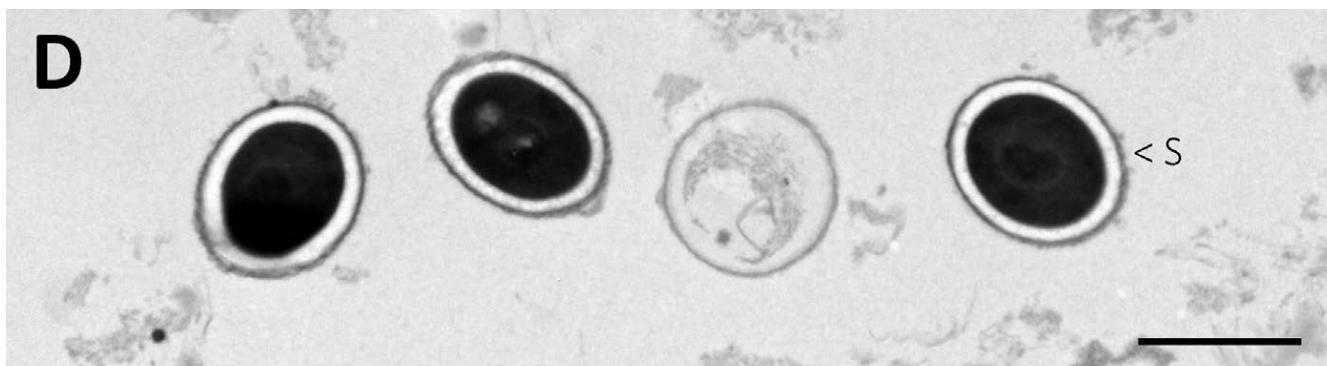


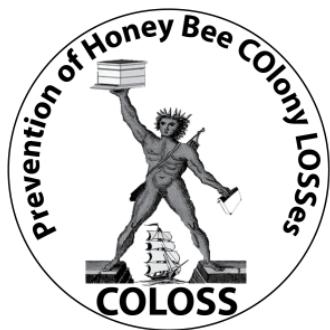
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Articles

COLOSS is proud that the newly discovered microsporidian parasite in Uganda is named *Nosema neumanni* to honor Prof. Dr. Peter Neumann, the president of COLOSS. In their article in the European Journal of Protistology the authors write, that “previous studies on nosemosis in Africa could have overlooked *N. neumanni* n. sp. because of the relatively small size of its spores when compared to *N. apis* and *N. ceranae*.” (Chemurot et al., 2017). This raises formal objections, because if it is small in size, it obviously cannot be *neumanni*, some colleagues rumour behind the scenes. Also, none of the colleagues ever heard that Microsporidia have pierced ears. [Read the full article](#)





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Articles

- Schurr et al. (2017) Trueness and precision of the real-time RT-PCR method for quantifying the chronic bee paralysis virus genome in bee homogenates evaluated by a comparative inter-laboratory study, *Journal of Virological Methods*, Volume 248, 2017, Pages 217-225, ISSN 0166-0934 [\[link\]](#)
- Jacques et al. (2017) A pan-European epidemiological study reveals honey bee colony survival depends on beekeeper education and disease control. *PLoS ONE* 12(3): e0172591. doi:10.1371/journal.pone.0172591 [\[link\]](#)
- Martinello et al. (2017) Spring mortality in honey bees in northeastern Italy: detection of pesticides and viruses in dead honey bees and other matrices. *Journal of Apicultural Research*, 56(3), 239–254. [\[link\]](#)
- Martinello et al. (2017) Development and validation of a QuEChERS method coupled to liquid chromatography and high resolution mass spectrometry to determine pyrrolizidine and tropane alkaloids in honey. *Food Chemistry* 234 295–302. [\[abstract\]](#)
- Abou-Shaara, H.F. (2017). Greater wax moth larvae can complete development on paper wasp nest. *Journal of Agricultural and Urban Entomology*, 33(1):57-60. [\[link\]](#)
- Erbanet al (2017) Honeybee (*Apis mellifera*)-associated bacterial community affected by American foulbrood: detection of *Paenibacillus* larvae via microbiome analysis. *Scientific Reports*, 7(1), 5084. [\[link\]](#)
- Abou-Shaara et al. (2017). A review of impacts of temperature and relative humidity on various activities of honey bees. *Insect. Soc.* doi:10.1007/s00040-017-0573-8. [\[link\]](#)
- Erler et al.(2017) The curious case of *Achromobacter eurydice*, a Gram-variable pleomorphic bacterium associated with European foulbrood disease in honeybees. *Microbial Ecology*, (early online). [\[link\]](#)
- Pieplow et al. (2017) A scientific note on using large mixed sperm samples in instrumental insemination of honeybee queens. *Apidologie*, (early online). [\[link\]](#)
- Abou-Shaara et al. (2017) Impacts of sub-lethal doses of amitraz and tau-fluvalinate on some parameters of honey bee workers and drones. *Munis Entomology & Zoology*, 12 (2): 516-523. [\[link\]](#)

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job announcements

- PhD candidate: Bumblebees in the spotlight (Wageningen, Netherlands) [\[link\]](#)
- Postdoctoral research position on honey bee chemical ecology (Avignon, France) [\[link\]](#)
- Postdoctoral research position on honey bee defences against *Varroa* (Avignon, France) [\[link\]](#)
- Postdoctoral Research Associate Position Available in Mite Physiology (Gainesville, USA) [\[link\]](#)
- Head of environmental health theme (Nairobi, Kenya) – Deadline extended! [\[link\]](#)