

# 23/2/2022: DAY 1: Sharing good practices in nematology education

9h00-9h15	Official welcoming by Dean Moi University, followed by Welcoming & Introduction: Nemedussa and PANEMA by Njira Njira Pili (Moi University)		
9h15-9h45	SESSION 1: Use of anonymous student evaluation and feedback to improve education + examples for tools Status of this practice in African HEIs - Good practice case study from Africa - Inge Dehennin (UGent) & ??		
9h45-10h45	SESSION 2: Round table discussion on challenges in the use of student evaluations for improving curricula and course content from different stakeholders perspectives. (include staff MoiU)		
10h45-11h00	Break		
11h-12h30	SESSION 3: Interactive teaching and learning/information sharing		
	Session 3A for training facilitators Laura Cortada & Inge Dehennin (VIB, UGent)	Session 3B for students Wim Bert	Session 3C for staff in agricultural extension Mieke Daneel (Agricultural Research Council, South Africa) / Richard Sikora? Julius Bulus?
12h30-13h30	<p><b>Session: innovative and activating learning techniques</b> (Laura and Inge) <b>Wooclap &amp; Camtasia</b> (laptop and internet connection needed)</p> <p>Intro, demo, time for practice and presentations by participants MAX participants?</p>	<p><b>Session: Student survival kit in nematology</b></p> <p>1. 13h30-14h30: Misghina G Teklu: intro to R 14h45-16h30:</p> <p>3. Roland Perry 30": How to publish and pitfalls to avoid; full articles vs short communications, plagiarism</p> <p>4. Sessions on employment opportunities/entrepreneurship (online/on campus?):</p> <ul style="list-style-type: none"> <li>•4.1 Stefan van Zyl 30" (Syngenta SA) Talk from the private sector and interactions</li> <li>•4.2 Sidy Diakhate 30" (Green Agro Consulting) Starting nema business in Senegal</li> </ul>	<p><b>Session: Nematode Awareness in agricultural extension</b></p> <p>11-12h30: Danny Coyne AM Bridging the gap: Why are we not reaching the farmer</p> <p>13h30-16h30: Daniel Karanja, Peter Karanja, Willis Ochilo:</p> <ol style="list-style-type: none"> <li>1. Understanding farmer and extension service provider's opinions (perceptions) about the impact of nematodes and their influence in crop production</li> <li>2. A public and private sector review (validation) of the CABI nematology curriculum</li> </ol>
13h30-16h30			
16h30-17h15	Wrap up of the day: results discussions about challenges and experiences ( <b>one participant per session</b> )		

## 24/2/2022: DAY 2: From the field to the lab and back: Dating the Nematologist

9h-9h15	Welcoming and the importance of networking and consulting experts in nematology by Danny Coyne (IITA, Kenya)			
9h15-11h00	<p>Session 1: Expert market - dating the expert (from RI, HEI, private sector, exemplary farmers) informal rotating session</p> <p>Give students, agricultural extension workers, farmers the chance to interact and to briefly discuss research, problems,... with the experts</p>			
11h00-11h15	break			
11h15-12h15	Session 2: Book presentation Prof. dr. em. Richard Sikora on Integrated Nematology Management (CABI Nov 2021) followed by questions and discussion			
12h15-14h00	Lunch + setting up parallel sessions / move to MoiU			
14-18h	Session 3: Parallel sessions: demo's and practical sessions of BSc Nematology course module + based on requests by participants – to be determined by registration forms			
	Free practice on Camtastia, Wooclap	Pre-course work required; Identification of 5 PPN (max. 10 p) Wim Bert	Pre-course work required + Intro to R: Quantitative Plant Nematology (max. 10 p) MG Teklu	CABI Workshop: Putting nematological research into use via CABI digital tools and knowledge platforms
	Demonstration beneficial nematodes (EPN) application in the field (max. 10p) Beth Waweru	Pre-course work required EPN (max. 10 p) Antoinette/Okolo <i>EPN sampling, trapping, White trap preparation, Harvesting and storage for laboratory use, life cycle EPN, determine concentration nema's in inoculum</i>	Pre-course work required Molecular TB (max. 10 p): <i>DNA extraction, PCR, gel (until 18h)</i> Minne De Clercq	

# 25/2/2022: DAY 3: Research, training and dissemination in Nematology

9h00-9h10

Welcoming by Francis Onyilo (Muni University, Uganda)

9h10-10h00

## Session 1: Social media platforms: powerful tools to interact and disseminate information

Biodun Claudius-Cole (University of Ibadan, Nigeria)

1. David Pires (University of Evora, ESN) presentation (online)
2. Raymond Collett (NWU, South Africa) Presentation of Panema SLACK platform
3. Brainstorming and discussions to optimize the use of SLACK and other social media platforms in disseminating nematology and promoting collaboration in Africa

10h00-10h15

Break

10h15-12h00

**Session 2: Enhancing root and soil health through training, research and dissemination of information – introduction by Solveig Haukeland (icipe, Kenya)** (Here we identify at least 3 students- 1 each from SSA, East and West Africa ) that can share info regarding their projects focusing specifically on training, research and dissemination of info - propose that we select students whose work include at least two of these 3 aspects, with practical examples since we talked about teaching and learning during the previous two days which have to culminate in data being generated through research to for example management of PPN – we have to find travel grants for these 3 students - private sector?)

**Topics to include:**

**10h20 – 10h50: student 1**

**10h50 – 11h20: student 2**

**11h20 – 11h50: student 3**

(20 min for each student + 10 min questions)

10" Break (no coffee/tea)

12h00-12h45

Session 3: 3-5 min student presentations (platform for students to show their research e.g. Moi University students of Plant Pathology with master thesis in nematology)

12h45 - 13h45

Lunch

13h45-14h45

Closing by Antoinette Malan: way forward and ideas for 2<sup>nd</sup> PANEMA workshop

16H00

Excursion, dinner, party

**Lottery?**