



# Integrated Pest Management for Cultural Heritage

## 4<sup>th</sup> international conference

### Stockholm, 21–23 May 2019

Tuesday May 21<sup>st</sup>

1<sup>st</sup> day's theme: Communicating IPM

08:30 REGISTRATION AND COFFEE

10:00 **Conference opening** – Chaired by Lisa Nilsen

**Welcoming address**

*Britt-Inger Andersson, R&D strategist, Swedish National Heritage Board*

10:15 **Introduction: IPM – International Pest Management?**

*David Pinniger*

10:50 **Session no 1** – Chaired by Jane Thompson-Webb

**Are we really integrating pest management: Reducing pest risk at a large national museum**

*Fabiana Portoni, Adrian Doyle & Julianne Phippard*

**Train the trainer: Newhailes, a moth case history**

*Mel Houston*

**Building a team: Establishing and leveraging a preservation liaison system at Princeton University Library**

*Brenna Campbell*

**Social butterflies: Social media as a tool for promoting IPM education**

*Matthew A. Mickletz & Rachael Perkins Arenstein*

12:10 LUNCH

13:30 **Session no 2** – Chaired by Thea Winther

**Standardizing and communicating IPM data**

*Jane Henderson, Christian Baars & Sally Hopkins*

**Novel ways of communicating museum pest monitoring data: practical implementation**

*Christian Baars & Jane Henderson*

**An Elephant walks into a Room – Population models to teach IPM**

*Tom Strang*

**We have an IPM-standard – now what?**

*Lisa Nilsen, Ingela Chef Holmberg & Carola Häggström*

14:50 COFFEE BREAK AND POSTER SESSION

15:30 **Session no 3** – Chaired by Armando Mendez

**Webbing clothes moth *Tineola bisselliella* and the risk to historic collections in England**

*Amber Xavier-Rowe, Paul Lankester, David Pinniger & Dee Lauder*

**Bringing IPM to historic ships in the UK**

*Diana Davis*

**Pesticides and their heritage**

*Robert Child*

**Socializing Integrated Pest Management**

*Georgia Miller*

17:00 End of 1<sup>st</sup> day's sessions

19:00 RECEPTION AT THE STOCKHOLM CITY HALL, HOSTED BY THE CITY OF STOCKHOLM



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### Stockholm, 21–23 May 2019

Wednesday May 22<sup>nd</sup>

2<sup>nd</sup> day's theme: IPM in the era of globalisation

- 09:00 **Session no 4** – Chaired by Niklas Apelqvist  
**Handling the increasing problem with grey silverfish (*Ctenolepisma longicaudata*) in archives**  
*Johan Mattsson & Kolbjørn Mohn Jensen*  
***Ctenolepisma longicaudata* (grey silverfish): occurrence and behavior in UK heritage organisations**  
*Abby Moore, Rachel Chapman, Kate Perks, Frances Cooper & Letitia Steer*  
**Remote sensor technology for rodent surveillance in museums: Trial program at the American Museum of Natural History**  
*Julia Sybalsky, Robert Corrigan, Robert Hanson, Lisa Elkin & Michael Freshour*  
**Long lasting insecticidal netting as a potential form of museum pest control: Effectiveness and safety of alphacypermethrin impregnated polyethylene mosquito netting for pest management of clothes moths (*Tineidae*) and carpet beetles (*Dermestidae*)**  
*Adam Osgood, Patrick Kelley, Eric Breitung & Megan Creamer*
- 10:20 **COFFEE BREAK**
- 11:00 **Session no 5** – Chaired by Amber Xavier-Rowe  
**Management of an infestation at the National Library of France: the role of the IPM team**  
*Caroline Laffont & Simona Drago*  
**Practical emergency plans in the case of pest infestations in museums**  
*Stephan Biebl*  
**Neuronic™ system – a professional tool to recognize and classify insect species**  
*Bartłomiej Pankowski, Jarosław Pawłowicz & Maria Dutkowska*
- 12:00 **LUNCH**
- 13:20 **Session no 6** – Chaired by Jaap van der Burg  
**Sniffing dogs in the detection of biscuit beetle (*Stegobium paniceum*) infestations in historic libraries**  
*Gabriele Sauseng & Pascal Querner*  
**Anoxic treatment or freezing? Consider your options**  
*Kilian Anheuser*  
**Killing me softly... – Adaptive freezing as object-friendly and efficient pest control method**  
*Maruchi Yoshida*  
**The challenge of combining contemporary art and IPM at Moderna Museet, Stockholm**  
*Katarina Havermark*
- 14:40 **COFFEE BREAK AND POSTER SESSION**
- 15:20 **Session no 7** – Chaired by Christian Baars, Pascal Querner & Charlotta Bylund Melin  
**Capability and limitations of anoxic treatments for protecting museum collections**  
*Bill Landsberger, Harro Frauendorf, Cornel Adler & Rudy Plarre*  
**European restriction of using nitrogen in anoxic pest treatments – open discussion**  
with an introduction by Christian Baars & Pascal Querner  
**Information about the Conference reception at Nationalmuseum**  
*Charlotta Bylund Melin & Anne-Grete Slettemoen*
- 16:30 **End of 2<sup>nd</sup> day's sessions**
- 16:30–  
19:00 Intermission: Rest at your hotel and/or visit the exhibitions at Nationalmuseum.  
The museum is open until 19.00.
- 19:00 **CONFERENCE RECEPTION AT NATIONALMUSEUM**



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Thursday May 23<sup>rd</sup>

3<sup>rd</sup> day's theme: IPM in a changing climate

- 9:00 **Session no 8** – Chaired by Ann Hallström  
**A call for systematic monitoring: exploring the link between monitoring and management of cultural heritage in times of climate change**  
*Gustaf Leijonhufvud & Tor Broström*
- Better safe than sorry? – Climate control for mould prevention**  
*Tor Broström, Magnus Wessberg & Gustaf Leijonhufvud*
- Ecclesiastical textiles and mold – strategies for prevention**  
*Rebecka Karlsdotter*
- Application of humidified warm-air treatment to entire historic wooden buildings at Nikko World Heritage site to control insect attack**  
*Yoshihisa Fujii, Masahiko Harada, Hiroyuki Kitahara, Yuko Fujiwara, Rika Kigawa, Yoshinori Sato, Yukio Komine, Masahide Inuzuka, Tomoko Kotajima, Shingo Hidaka, Akiko Saito & Tadashi Fukoka*
- 10:20 **COFFEE BREAK AND POSTER SESSION**
- 11:00 **Session no 9** – Chaired by Patrick Kelley  
**House Longhorn Beetle (*Hylotrupes bajulus*) in historic buildings – The importance of microclimate**  
*Johan Mattsson & Ole Martin Stensil*
- Beetles Behaving Badly – Control of furniture beetle *Anobium punctatum* outbreak in wooden storage pallets**  
*Sophie Downes, Paul Lankester, Sarah Lambarth, Caroline Rawson, David Thickett, David Pinniger & Amber Xavier-Rowe*
- Communicating and teaching IPM**  
*Pascal Querner*
- 12:00 **Final session: the way forward** – Chaired by Lisa Nilsen
- 12:30 **LUNCH**
- 13:45–  
14:30 Time for getting to excursions
- 14:30–  
16:00 Excursions
- 16:00 End of conference

