# 3rd Ecology and Evolution Ireland Conference

## Thursday

### Time | Session 1 | Chair: John Quinn | Thursday morning
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09:00 | Welcome | Paul Giller (President IEA) | 
09:05 | UCC message | John O’Halloran (Interim President) | 
09:10 | Orientation | John Quinn (VP IEA and Chair of IEA Conference committee) | 

### Time | Session 1 | Chair: John Quinn | Thursday morning
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09:20 | Plenary | Yvonne Buckley | The biogeography of population dynamics

#### 09:20-10:00

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<tr>
<th>Time</th>
<th>Speaker</th>
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<tr>
<td>09:20</td>
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<td>Andrew Mooney</td>
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<td>10min</td>
<td>Cian Luck</td>
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<td>Ciara L. O. McGlade</td>
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<td>Jamie Darby</td>
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<td>Constance M. Schéré</td>
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<td>Grace Nolan</td>
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<td>Marina Reyne</td>
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### Time | Session 2 | Chair: Tom Reed | Thursday afternoon
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14:00 | Plenary | Kristine Bohmann | Environmental DNA in biodiversity studies

#### 14:00-14:40

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<td>14:40</td>
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<td>Enrico Pirotta</td>
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<td>Jacob Davies</td>
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<td>Emma Campbell</td>
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<td>Jenny Coomes</td>
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<td>Ronan James O’Sullivan</td>
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### Time | Session 2 | Chair: Tom Reed | Thursday afternoon
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15:30 | BREAK | Tea/ Coffee/Zoom the speakers |
16:00 | Poster/poster video session | First group of presentations available concurrently with links to each in the virtual poster room. |
16:30 | BREAK | 
18:00 | AGM | Chair: Paul Giller | Annual General Meeting |
20:00 | Social 1 | Samantha Ball | Ecology and Evolution Quiz!
## Friday

### Session 3: Chair: Fidelma Butler

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<th>John Finn</th>
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#### Plenary Sessions

- **09:00**
  - **Time:** 09:40  
  - **Speaker:** John Finn  
  - **Title:** The ecology of multi-species swards for agricultural production

- **10:00**
  - **Time:** 10:40  
  - **Speaker:** James Orr  
  - **Title:** Why scaling uncertain predictions to higher levels of organisation will underestimate change

- **11:00**
  - **Time:** 11:40  
  - **Speaker:** Joshua P. Twining  
  - **Title:** All forests are not equal: population demographics and denning behaviour of a recovering small carnivore in human modified landscapes

- **12:00**
  - **Time:** 12:40  
  - **Speaker:** Adam Kane  
  - **Title:** The role natural history films play in conservation

- **13:00**
  - **Time:** 13:40  
  - **Speaker:** Amy Arnott  
  - **Title:** Upland grassland agri-environment schemes affect the abundance, diversity and function of above- and below ground invertebrates

- **14:00**
  - **Time:** 14:40  
  - **Speaker:** Francesco Golin  
  - **Title:** The ecological and economic impacts of parasites: the case of *Bopyrus squillarum* and the Irish *Palaemon serratus* fishery

- **15:00**
  - **Time:** 15:40  
  - **Speaker:** Hannah White  
  - **Title:** Contribution of rare and common species to spatial patterns of functional diversity

#### Poster Sessions

- **16:00**
  - **Time:** 16:40  
  - **Speaker:** Michelle Larkin  
  - **Title:** Insights into the ecology of a rare species (*Bombus sylvarum* L.) within a wider bumblebee community

- **17:00**
  - **Time:** 17:40  
  - **Speaker:** Rosie Mangan  
  - **Title:** Fluctuating selection and enhancing diversity to overcome insecticide resistance evolution

- **18:00**
  - **Time:** 18:40  
  - **Speaker:** John Devaney  
  - **Title:** The impact of soil salinity on mangrove forest restoration in a semi-arid region

### Session 4: Chair: Tara Dirilgen

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<tr>
<th>Time</th>
<th>Session 4</th>
<th>Xavier Harrison</th>
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<tbody>
<tr>
<td>14:30</td>
<td>Plenary</td>
<td>Ecology at Multiple Scales: Investigating Drivers of Reproductive Success in a Long-distance Migratory Bird</td>
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#### Plenary Sessions

- **14:30**
  - **Time:** 15:10  
  - **Speaker:** Samuel R-P J Ross  
  - **Title:** Predator extinctions compromise compositional but not functional stability in response to aquatic heatwaves

- **15:30**
  - **Time:** 16:10  
  - **Speaker:** Cynthia Barile  
  - **Title:** Temporal acoustic occurrence of sperm whales (*Physeter macrocephalus*) and long-finned pilot whales (*Globicephala melas*) off western Ireland

- **16:30**
  - **Time:** 17:00  
  - **Speaker:** Alicia Mateos Cárdenas  
  - **Title:** Rapid fragmentation of microplastics by the freshwater amphipod *Gammarus duebeni* (Lillj.)

- **17:00**
  - **Time:** 17:30  
  - **Speaker:** Karzan S. D. Ahmed  
  - **Title:** Evaluating different linear farm habitats for selected dipteran families: Implications for diversity and associated ecosystem functions

- **18:00**
  - **Time:** 17:30  
  - **Speaker:** Luca Mirimin  
  - **Title:** DON'T CATCH ME IF YOU CAN - Combining non-invasive underwater video and environmental DNA (eDNA) data reveals local marine fish communities at the SmartBay cabled observatory

### Breaks

- **10:10**
  - **Time:** 10:20  
  - **Break:**

- **15:50**
  - **Time:** 16:00  
  - **Break:**

### Prizes and conference end

- **17:10**
  - **Time:** 17:40  
  - **Break:**

- **18:00**
  - **Time:** 18:10  
  - **Break:**