**TunTwin Summer School**

GT5: Analysis of light stable isotope in environmental and food samples: technical analysis and validation of methods

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| Date: 18-20 April, 2023 Location: Ljubljana, SloveniaJožef Stefan Institute, Reactor Center, www.rcp.ijs.si |

Day 1 – Tuesday, April 18th 2023

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| Time | Plenary session | **Facilitator** |
| 12:00 – 13:00 | Lunch  |
| 13:00 – 13:15 | Opening & welcome | Milena Horvat, Nives Ogrinc(JSI, SI) |
| 13:15 – 13:30 | Presentation of participants | All |
| 13:30 – 14:30 | Basic princips of stable isotopes and environmental studies | Mathieu Sebilo(Sorbonne University, FR) |
| 14:30 – 15:30  | Stable isotope measurements using EA/Py-IRMS  | Doris Potočnik(JSI, SI) |
| 15:30 – 16:30 | Compound Specific Isotope Analysis at molecular level  | Lidija Strojnik(JSI, SI)  |

Day 2 – Wednesday, April 19th 2023

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| Time | Plenary session | **Facilitator** |
| 9:30 – 10:30 | Light stable isotope reference materials: Principles and proper use | Arndt Schimmelmann(Indiana University, USA) |
| 10:30 – 11:00 | Coffee break |
| 11:00 – 13:00 | Practical preparation of the samples (Group I, Group II) |
| 13:00 – 14:30 | Lunch |
| 14:30 – 17:00 | Practical preparation of the samples (Group I, Group II) |

Day 3 – Thursday, April 20th 2023

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| Time | Plenary session | **Facilitator** |
| 9:30 - 10:30 | Evaluation of results (Group I, Group II) | All |
| 10:30 – 11:00 | Coffee Break |
| 11:00 – 13:00 | Presentation of Group evaluation | All |
| 13:00 – 14:30 | Lunch |
| 14:30 –16:45 | Round table discussion (advantages, disadvantages)  | All |
| 16:45 – 17:00 | Closing remarks |
| 19:30 | Dinner |

Day 4 – Friday, April 21th 2023

TunTwin - Project meeting

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| Time | Plenary session | **Facilitator** |
| 9:30 – 10:00 | WP1: Project Coordination and Management | Houyem Snani (INRAP, TN) |
| 10:00 – 10:30 | WP2: Capacity building R&D and Innovation for Researchers, technical staff and ESR | Olivier Donard (UPPA, FR) |
| 10:30 – 11:00 | WP3: Strengthening research management and administration skills of the INRAP’s PMO | Roberto Boada(UAB, SP) |
| 11:00 – 11:30 | Coffee Break |
| 11:30 – 12:00 | WP4: Dissemination, exploitation of results, communication and networking | Hervé Casabianca(CNRS, FR) |
| 12:00 – 12:30 | WP5: Sustainability actions to step-up and continuously grow INRAP’sexcellence | David Heath (JSI, SI) |
| 12:30 – 13:00 | Agree actions and next steps | All |
| 13:00 – 14:00 | Lunch |