

## ISAO2018 GENERAL PROGRAM

9 September, Sunday			
<b>Registration desk open</b>			
16:00	19:00	Foyer in front of Sky Banquet Hall on the 12th floor of Art Hotel Hirosaki City	
<b>Welcome drinks</b>			
18:00	21:00	Sky Banquet Hall on the 12th floor of Art Hotel Hirosaki City	
10 September, Monday			
<b>Registration desk open</b>			
8:00	12:00	Iwaki Hall on the 2nd floor of 50th Anniversary Auditorium, Hirosaki University	
<b>Opening</b>			
9:00	9:10	Opening speech and welcome by ISAO14 Host	Akifumi Ohtaka
9:15	9:30	Welcoming speech by Prof. Manabu Totsuka, the Dean of the Faculty of Education, Hirosaki University	Manabu Totsuka
9:35	9:55	Performance of Tsugaru Shamisen by Hirosaki University Tsugaru Shamisen Circle. Title is "Traditional numbers"	
9:55	10:10	Introduction to ISAO14, and memoria for past ISAO participants	Mark J. Wetzel
10:10	10:30	Coffee Break	
10:30	10:45	History: International Symposia on Aquatic Oligochaeta, 1979-2018	Mark J. Wetzel
<b>Session 1: Taxonomy</b>			
chairperson: Steve Fend			
10:45	11:25	Keynote: New Japanese taxa associated with the microdrile families Lumbriculidae and Haplotaxidae	Steve Fend
11:25	11:45	Taxonomy and Distribution of aquatic oligochaetes (Annelida: Oligochaeta) in Tibet, China	Yongde Cui
11:45	12:05	<i>Insulodrilus hibernicus</i> sp. nov.: first description of a European species of Phreodrilidae (Oligochaeta)	Rüdiger Schmelz
12:05	14:00	Lunch - Dining hall "Scorum" on the 2nd floor of the University Center in buffet style	
<b>Short city tour</b>			
14:00	17:30	Walk in the Hirosaki Park (take a symposium group photo): Depart by taxi in front of the 50th Anniversary Auditorium - Fujita Memorial Japanese Garden. Simplified Japanese tea ceremony - Hirosaki Castle - Hirosaki Municipal Tourist Center A detailed schedule will be distributed separately.	
17:30		Dinner on your own. A separate guide map showing recommended restaurants will be in your registration information packet.	
11 September, Tuesday			
<b>Session 2: Phylogeny</b>			
chairperson: Christer Erséus			
9:00	9:40	Keynote: Reconstruction of the evolutionary history of Clitellata using transcriptome genetic data	Christer Erséus
9:40	10:00	Integrative species delimitation and phylogeny of the branchiate worm <i>Branchiodrilus</i> (Clitellata, Naididae)	Patrick Martin
10:00	10:20	Coffee Break	

<b>Session 3: Community Ecology</b>		
chairperson: Göran Milbrink		
10:20	11:00	Keynote: Composition and abundance of aquatic oligochaetes in Scandinavian lakes well correlated with the "morpho-edaphic index" (Milbrink, 1978). Do these relationships still hold 40 years later?
		Göran Milbrink
11:00	11:20	Effects of climate conditions on aquatic Clitellata in western Carpathian spring fens
		Jana Schenková
11:20	11:40	The annual life-cycle of <i>Tubifex tubifex</i> (Muller, 1774) at the profundal area in Lake Kizaki, Japan
		Kimio Hirabayashi
11:40	12:00	Aquatic oligochaetes community In River Tigris within Baghdad city / Iraq
		Haifa J. Jaweir
12:00	12:20	Long-term Macrobenthic community structure changes in the Upper Sakarya river system (1995–present)
		Naime Arslan
12:20	14:00	Lunch - Dining hall "Scorum" on the 2nd floor of the University Center in buffet style
<b>Session 4: Environmental studies</b>		
chairperson: Pilar Rodriguez		
14:00	14:40	Keynote: Metal tissue residues in aquatic oligochaetes and environmental risk assessment in a Zn-Pb mining affected river catchment
		Pilar Rodriguez
14:40	15:00	Changes in the oligochaete composition through time and space within the zoobenthos of the Naroch lakes system (Belarus)
		Maria Baturina
15:00	15:20	Trial of the collecting device for the hyporheic invertebrates fauna in Japan
		Takaaki Torii
15:20	15:40	Degradation of polycyclic aromatic hydrocarbons (PAHs) in marine sediment by interaction between oligochaete, <i>Thalassodrilides</i> cf. <i>briani</i> and microorganisms.
		Mana Ito
15:40	16:00	Coffee Break
<b>Poster Session</b>		
Iwaki Hall on the 2nd floor of 50th Anniversary Auditorium, Hirosaki University		
16:00	18:00	Authors of posters will be present to discuss the research they are presenting.
P1		Oligochaete fauna of the Pechora Delta (the Barents Sea basin)
		Maria Baturina
P2		Assessing water quality and trophic levels of Porsuk River (Turkey)
		Seray Yıldız
P3		The ovary of <i>Thalassodrilides</i> cf. <i>briani</i> (Clitellata: Naididae: Limnodriloidinae) as the example of a multicellular germ-line cyst with a common cytoplasm
		Anna Urbisz
P4		Ovaries and oogenesis in <i>Grania postclitellochaeta</i> and <i>Enchytraeus albidus</i> (Clitellata: Enchytraeidae) are broadly similar
		Piotr Świątek
P5		Ovary organization and oogenesis of <i>Haplotaxis</i> sp. (Clitellata: Haplotaxidae)
		Piotr Świątek
P6		Sterilization of marine oligochaete <i>Thalassodrilides</i> cf. <i>briani</i> (Clitellata: Naididae)
		Katsutoshi Ito
18:00		Dinner on your own. A separate guide map showing recommended restaurants will be in your registration information packet.
<b>12 September, Wednesday</b>		
<b>Mid symposium tour</b>		
7:45	18:30	All day excursion to visit a traditional playhouse "Kouraku-Kan" and see a play, then onto lunch at the side of Lake Towada, followed in the afternoon by walks along the lake's outlet stream, Oirase-Keiryu, and in a typical cool temperate forest.  <b>Buses Depart</b> 7:45 in front of Art Hotel Hirosaki City - <b>Buses Return</b> 18:30 to Art Hotel Hirosaki City
18:30		Dinner on your own. A separate guide map showing recommended restaurants will be in your registration information packet.

<b>13 September, Thursday</b>			
<b>Session 5: Biogeography</b>			
chairperson: Patrick Martin			
9:00	9:40	Keynote : DNA barcoding and diversity of groundwater oligochaetes in the Ouémé basin, Benin, West Africa	Patrick Martin
9:40	10:00	A surprising diversity of aquatic oligochaetes from a subantarctic island	Adrian Pinder
10:00	10:20	Check list of freshwater Oligochaeta (Turkey), and Oligochaeta fauna of Lake Çıldır (Ardahan-Kars, Turkey), with emphasis on the different samples of <i>Tubifex</i> sp."	Deniz Mercan
10:20	10:40	Freshwater ecoregions of Turkey: A new global approach to the distribution status of aquatic Oligochaeta	Seray Yildiz
10:40	11:00	Distribution pattern and conversation planning of aquatic oligochaetes and other macrozoobenthos in the Yangtze River System	Hongzhu Wang
11:00	11:20	Coffee Break	
<b>Session 6: Morphology</b>			
chairperson: Piotr Świątek			
11:20	11:40	Common content in different forms – new data on the ovaries of microdrile oligochaetes	Anna Urbisz
11:40	12:00	Oogenesis and ovary organization in a phreodrilid annelid <i>Insulodrilus bifidus</i>	Piotr Świątek
12:00	14:00	Lunch - Dining hall "Scorum" on the 2nd floor of the University Center in buffet style	
<b>Session 7: Branchiobdellidan biology</b>			
chairperson: Stuart Gelder			
14:00	14:40	Keynote: Endemic branchiobdellidans (Annelida: Clitellata) on commercial North American crayfish: Potential and actual translocated associations, including the ectosymbiont's adoption of exotic host species	Stuart Gelder
14:40	15:00	North American Branchiobdellida (Annelida: Clitellata) or Crayfish worms in France: the most diverse distribution of these exotic ectosymbionts in Europe	Jean-François Parpet
15:00	15:20	Desiccation tolerance of endemic branchiobdellidans on <i>Cambaroides japonicus</i> in Hokkaido, Japan	Tadashi Kawai
15:20	15:40	Coffee Break	
<b>Microscopy session</b>			
15:40	18:00	Free work on microscopes and consultations on your own material; please bring interesting specimens to discuss.	
19:00		Dinner on your own. A separate guide map showing recommended restaurants will be in your registration information packet.	
<b>14 September, Friday</b>			
<b>Session 8: Additional presentations on Aquatic Oligochaeta and other groups within the Annelida</b>			
chairperson: Tarmo Timm			
9:00	9:40	Keynote: Observations on the life cycles of Oligochaeta in aquaria	Tarmo Timm
9:40	10:00	Preliminary report on freshwater oligochaetes from some districts of Tamil Nadu (India), along with DNA barcode sequence of the commercially important Oligochaeta in Chennai	Mohammed Ibrahim Naveed
10:00	10:20	Usefulness of molecular approach for species delimitation within Siberia's flat leech fauna (Annelida, Hirudinea, Glossiphoniidae)	Irina Kaygorodova
10:20	10:40	Coffee Break	
10:40	11:00	Profiling the Illinois Natural History Survey Annelida Collection – a case study in assessing the health of stored biological specimens	Mark J. Wetzel
11:00	11:20	Composition and potential value of the rediscovered Prof. Hideji Yamaguchi branchiobdellidan and oligochaete collection	Akifumi Ohtaka

<b>14 September, Friday</b>			
<b>Discussion Group</b>			
11:20	12:15	Discussion Group: The titles for discussion will be announced as they are given to the organizers	
12:15	14:00	Lunch - Dining hall "Scorum" on the 2nd floor of the University Center in buffet style	
<b>ISAO Business meeting</b>			
14:00	16:00	Host recognition; invitation(s) for our next symposium	Mark J. Wetzel
16:00	16:20	Coffee Break	
16:20	16:40	Presentation of information on symposium proceedings	Akifumi Ohtaka
16:40	16:50	Announcements and other information	
16:50	17:00	Official closing of the 14th ISAO symposium	Mark J. Wetzel
<b>Closing Banquet</b>			
19:00	21:30	Amethyst Hall on the 3rd floor of Art Hotel Hirosaki City	
		Special speech "Some Personal Reminiscences"	Ralph Brinkhurst