

P ROGRAM

Sunday 20th June

15.00-20.00

Officine CANTELMO Conference venue in Lecce. Secretary desk open for Conference information and related material and program.

Monday 21st June

09.00- 10.00

Dean of the University of Salento: Welcome
Organizers: Welcome and thanks to sponsors
James Blake: President IPA: openings remarks

Theme TAXONOMY

Chairman: Fauchald K.

10.00- 10.20

Key lecture: Role of polychaete in biological and ecological research. G. Cognetti.

10.20-10.40

Key lecture: Governance in Science: the demise of taxonomy in the era of biodiversity F. Boero.

10.40-11.00

Obituary: Phyllis Knight-Jones: a remarkable life (1933-2009). A. Mackie and G. Oddy

11.00-11.50

Coffe break. Poster set up for themes Taxonomy and Phylogeny at the Officine Cantelmo; Reproduction, Evolutionary biology and Ecology at the Palazzo Turrisi.

11.50-12.10

Fauna of European Polychaeta. J. Gil

12.10-12.30

Appearances are deceptive...(and so the *Haplosyllis* too). Martin D. P.Lattig, and L. Harris

12.30-12.50

On famous tracks in Western Greenland. Meissner K.A. Bick, and R. Bastrop

12.50-13.10

Revision of *Stylarioides* delle Chiaje, 1831 (Polychaeta: Flabelligeridae) S. I. Salazar Vallejo

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University of Salento, DISTeBA, Lecce - Stazione Zoologica "Anton Dohrn" of Naples

Monday 21st June

13.10-15.00

Lunch

Chairman: Cinar M.

15.00-15.20

Morphological and genetic variation in the species complex *Myxicola infundibulum* and its introduction in Australia. Greaves E., R. Wilson, A. Moussalli, and D. Macmillan

16.00-16.20

Revision of the pantropical genus *Treptopale* (Polychaeta: Chrysopetalidae); redescription of *Treptopale rudolphi*, Perkins, 1985 and comparison of *Treptopale* northern Australian populations including description of a new *Treptopale* species. C. Watson.

15.40-16.00

Cryptic species in the *Perinereis nunzia* species group (Polychaeta, Nereididae). Glasby C., Y. Shetav, H. Rahimian, and R. Wilson

16.00-16.20

The genus *Megasyllis* (Annelida, Syllidae): big and small worms under the same name. Aguado T. and G. San Martin.

16.20-17.00

Coffee-break.

17.00-17.20

Polynoid morphology and taxonomy. Fauchald K. and Wilson R.

17.20-17.40

Revision of *Pista* (Terebellidae, Polychaeta). M.H. Londoño-Mesa

17.40- 18.00

Redescription of some poorly known taxa of thelepodines (Polychaeta, Terebellidae). J.M. Nogueira, P. Hutchings, and J. Gil.

18.00-18.20

Protodrilus sp.: a cave-dwelling protodrillid from La Coruna lava tube (Lanzarote, Canary Islands). Martinez M., K. Kvindebjerg, J. Núñez, and K. Worsaae

20.00

Welcome cocktail at Palazzo Turrisi.

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Tuesday 22nd June

Theme: PHYLOGENY

Chairman- Radashevsky V.

9.00-9.30

Key-lecture: Cryptic biodiversity in the sea. Nygren A.

9.30-10.00

Key-lecture: Molecular analysis of annelid phylogeny: From genes to genomics as a way forward. McHugh D.

10.00-10.20

A phylogenomic analysis of Annelid relationships. Part 1: Methods. Bleidorn C., C. Paul, N. Hill, C. Hösel, R. Tiedemann, G. Purschke, and T.H. Struck.

10.20-10.40

A phylogenomic analysis of Annelid relationships. Part 2: Results. Struck T.H., C Paul, N. Hill, C. Hösel, R. Tiedemann, G. Purschke, and C. Bleidorn.

10.40-11.00

The mystery of chaetal inversion. Tzelin A. Kolbasova, and Elena Kupryanova.

11.00-11.30

coffee-break

11.30-11.50

A large phylogenetic analysis re-organize the classification of syllids. Aguado T., G. San Martín, C. Bleidorn, and M. E. Siddall.

11.50-12.10

Phylogeny of Onuphidae (Eunicidae Polychaeta) based on morphology and molecular data. Budaeva N., M. Nikitin, and J. Zanol.

12.10-12-30

Phylogenetic relationship within Nephtyidae (Annelida, Polychaeta). Ravara A., H. Wiklund, M. Cunha, and F. Pleijel.

12.30-12.50

Phylogenetic relationships within Serpulidae (Annelida, Sabellida) inferred from morphology and DNA sequences: a proposed new classification. Kupriyova E.K., H.A. ten Hove, and G.W. Rouse.

12.50-13.10

Systematics of Amphinomida (Polychaeta). J.D. Kudenov, E. Borda, and G.W. Rouse

13.10-15.00

Lunch

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Tuesday 22nd June

Chairman: Rouse G.

15.00-15.20

Phylogenetic evaluation of the cosmopolitan hydrothermal vent amphinomid *Anchinome rosacea*. Borda E., J.A. Blake, P. Chevaldonné, D. Desbruyères, J. D. Kudenov, F. Pleijel, T.M. Shank, and G.W. Rouse.

15.20-15.40

Nature of palps in Canalipalpata. Radashevsky V.

15.40-16.00

New species of crown-group polychaetes (Annelida) from the Middle Cambrian Burgess Shale Danny Eiby-Jacobsen and Jean-Bernard Caron

16.00-18.00

Coffee break. Poster discussion themes: Taxonomy and Phylogeny, at the Officine Cantelmo

18.00-19.00

International Polychaete Association meeting and discussion (next IPC venue and candidates).

21.00

Concert of the University of Salento "CORO POLIFONICO" at the Chiostro del Rettorato



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1. 4

Wednesday 23rd

Social trip

leaving from the Parking area in front of the Tiziano Hotel at 9.00
After the breakfast, departure towards **S. Maria di Leuca** the most extreme point of the Salento peninsula, where you will be able to visit the Sanctuary "**de finibus terrae**" located on the ruins of an ancient temple dedicated to Minerva; visit to Maria di Leuca centre where you will admire numerous Liberty houses. Traveling along the wonderful panoramic road full of vertical cliffs over the sea, with a rest to Ponte Ciolo.

Arrival to **Otranto bizantine town**, the most oriental inhabited town of Italy. Lunch at a seaside served from beach establishments. In the afternoon visit to the old Otranto town within the town-walls building and to **the XII century Cathedral**, that, although mostly restored, contains a beautiful mosaic going back to 1160, the larger of the Europe, which represent the "tree of the life". Lastly visit to the external system of the **Aragonese Castle** and the bastions. Return to Lecce 18.00

Social dinner to "Corte Licastro" Masseria
leaving from the Parking area in front of Tiziano Hotel at 20.00
Return to Tiziano Hotel at 24.00 (midnight)



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1. 5

Thursday 24th

Theme **REPRODUCTION**

Chairman: **Kuprianova E.**

9.00-9.40

Key lecture: Evolution of Annelid fertilization mechanisms and developmental modes. Rouse G.W.

9.40-10.00

Regeneration and asexual reproduction in sabellids. Giangrande A., M. Licciano., L. Stabili, and M.C. Gambi.

10.00-10.20

Spatial and seasonal pattern in distribution and abundance of *Polygordius* larvae along the East coast of United States. Ramey P., J. Ambler, and D. Fiege.

10.20-10.40

Phenotypic plasticity of the polychaete *Ophryotrocha labronica* (Polychaeta, Dorvilleidae): linking life-history and thermal tolerance. Massamba N'Siala G., P. Calosi, D.T. Bilton, D. Prevedelli, and R. Simonini.

10.40-11.00

Variations in Southern California, Baja California, Hawaii and Connecticut Populations of the Polychaete *Neanthes arenaceodentata*/*Neanthes acuminata*. D. J. Reish, D. Lunt, M. Harley, E. J. Storey, and J.D. Hardege..

11.00-11.30

Coffe break.

11.30-11.50

From yolk to egg: endocytosis and yolk body formation during oocyte growth in *Platynereis dumerilii*. Hoeger U., C. Ackermann, and A Kaufmann.

11.50-12.10

Population dynamics and genetics of *Nereis succinea* (Polychaeta Nereididae) from the Danube canal (Black Sea). Surugiu V., P. Gillet, I. Metais, M. Mouloud, C. Mouneyrac, and R. Vasile.

12.10-12.30

Opportunities and constraints to temperate marine worm farming in South Australia. Davies S., G. Mair, J. Harris, and A. Safari.

12.30-12-50

Studies on the neurosecretory cells of *Lycastis indica*, a nereidid polychaete from Adyar Estuary, India. Mercy Bai P., T. Subramonium, and E. Malathi.

12-50-13.10

3-trans,4-trans decadienal: exploring novel approaches for control of polychaete pests on cultured abalone. Simon C., M.G. Bentley, and G.S. Caldwell.

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Thursday 24th

13.10-15.00

Lunch

Theme: ECOLOGY

Chairman : Cantone G.

15.00-15.40

Key-lecture. When the going gets tough...the worms get going. Levin L.A.

15.40-16.00

About species range boundaries. Jirkov J.A.

16.00-16.20

Coral associated scale-worm: host-symbiont relationships and population ecology. Brytaiev T.A. and D. Martin.

16.20-17.00

Coffee break

17.00-17.20

Polychaete community patterns of nearshore sediment habitats with wave-reflecting or wave-dissipating characteristics. Probert K., B. Paavo, R. Jonker, and S. Thrush.

17.20-17.40

Feeding, locomotion and habitat preference of interstitial polychaetes inhabiting reflective sandy beaches. Di Domenico M., K. Worsaae, T.C.M. Almeida, M. O. Martins, and P. Lana

17.40-18.00

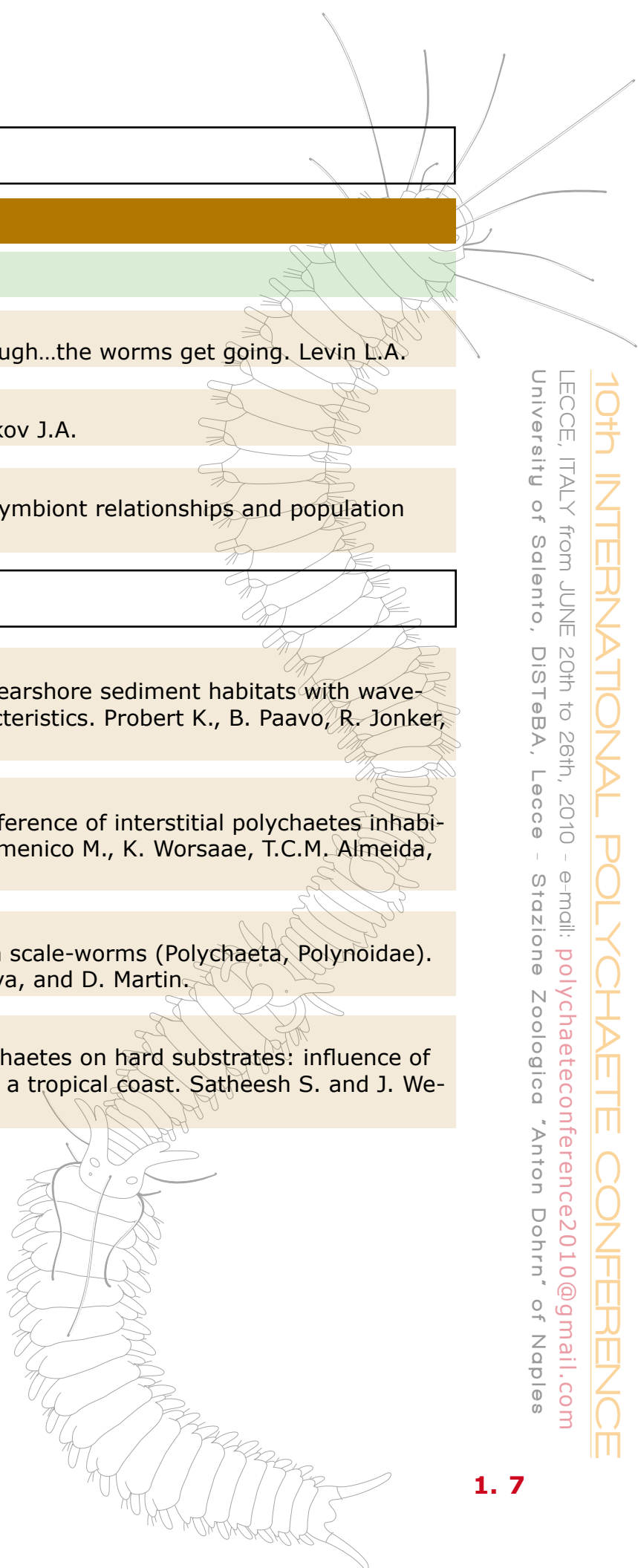
Bioluminescence and fluorescence in scale-worms (Polychaeta, Polynoidae). Plyuscheva M., A. Goni, V. Saprunova, and D. Martin.

18.00-18.20

Colonization and succession of polychaetes on hard substrates: influence of season and environmental factors in a tropical coast. Satheesh S. and J. Wesley.

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1. 7



Friday 25th

Theme: EVOLUTIONARY BIOLOGY

Chairman: McHugh D.

9.00-9.30

Key-lecture. The polychaete *Platynereis dumerilii*, a molecular model for evo-devo and marine neurobiology. Arendt D.

9.30-10.00

Key-lecture. Many ways to a segment. Minelli A.

10.00-10.20

Single cell labelling in *Capitella teleta* reveals embryological origins of the annelid body plan. Seaver E. C., Meyer, N.P., Boyle, M.J., and M.Q. Martindale.

10.20-10.40

The difficult task of identifying polychaetes: genetic diversity, phenetic plasticity and cryptic species within Sabellidae. Capa M.

10.40-11.00

Cryptic speciation in Southern Ocean deep sea Polychaeta? Phylogeographic pattern of *Glycera kerguelensis* revealed through barcoding. Schuller M.

11.00-11.30

Coffee break

11.30-11.50

Population connectivity in the poecilogonous polychaete *Pygospio elegans*. Kesamiemi J., K.E. Knott, S. Lindsay, and P. Rawson.

11.50-12.10

Ecological speciation and dwarfness in *Eurythoe complanata* complex (Annelida Polychaeta). P.C. de Paiva, R. Barroso, and A.M. Sole-Cava.

12.10-12.30

Biogeographical pattern of Australian Terebellidae. Hutchings P.

12.30-12.50

Polychaetes of the abyssal SE Atlantic: morphological and molecular results. Boggeman M.

12.50-13.10

Dorso-lateral organs of *Ophelia limacina* (Rathke, 1843) – a new type of sense organs in polychaetes. A. Zhadan and P. Belova.

13.10-15.00

Lunch

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1. 8

Friday 25th

Theme: ECOLOGY continued...

Chairman: Martin D.

15.00-15.20

Ecotoxicological studies with polychaetes. Mendez N.

15.20-15.40

Distribution of polychaetes (Annelida) from Sunderban wetland, India along with accumulation strategy of trace metals. M. Aftab Alam, A. Gomes, and S.K. Sarkar.

15.40-16.00

An update of ecological and spatial distribution of some polychaete species of Italian continental shelf. La Porta B., Tomassetti P., Marzialetti S., Lomiri S., Vani D., Penna M., Lanera P., and Nicoletti L.

16.00-16.20

Long-term changes in soft-bottoms polychaete assemblages following dystrophic crisis. Mikac B., Musco L., Giangrande A., and Terlizzi A.

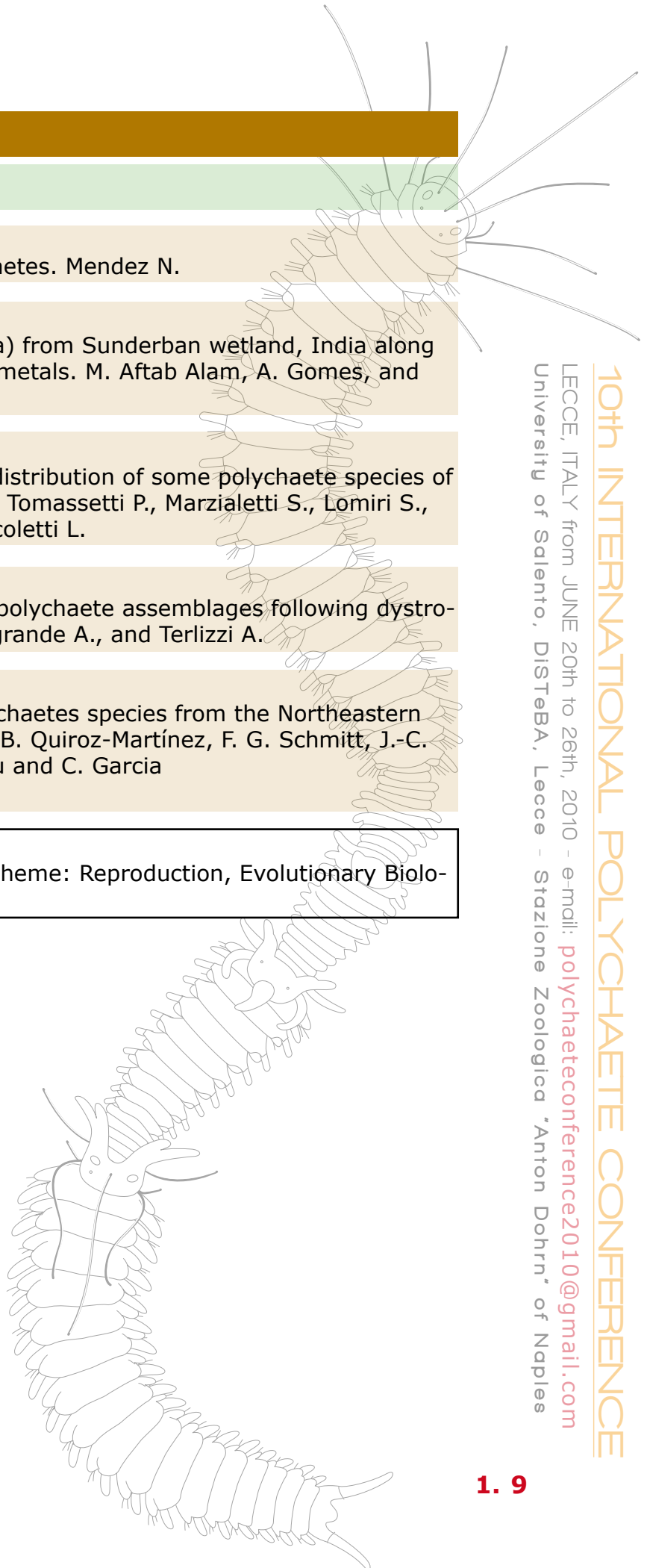
16.20-16.40

Distribution patterns of annelid polychaetes species from the Northeastern Atlantic continental shelf (0-200 m) B. Quiroz-Martínez, F. G. Schmitt, J.-C. Dauvin, J.-M. Dewarumez, A. Foveau and C. Garcia

16.40-19.00

Coffee break and poster discussion theme: Reproduction, Evolutionary Biology and Ecology at Palazzo Turrisi.

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Saturday 26th

Theme ECOLOGY continued....

Chairman: Castelli A.

9.00-9.20

The polychaete fauna of the Venice lagoon from extensive monitoring in the last ten years. Keppel E., M. Sigovini, and D. Tagliapietra.

9.20-9.40

Annelid community subjected to organic enrichment in the costal lagoon Estero de Urias (Mexico). A. Ferrando and N. Mendez.

9.40-10.00

Linking environmental factors with polychaetes during the cold front season in a tropical coastal lagoon. Kuk-Dzul J.G., D.S. Valdes-Lozano, and P.L. Ardisson.

10.00-10.20

Effect of discharge elevation of Itajai-Acu river on polychaetofauna after an extreme climatic event. De Almeida T.C.M., B.H. Pessler, and J.M. Vivan.

10.20-10.40

Comparison of taxonomic and functional patterns in Mediterranean transitional waters. An approach with polychaetes. Markantonatou V., S. Faulwetter, G. Chatzigeorgiou, S. Reizopoulou, and C. Arvanitidis.

10.40- 11.00

Investigating the usefulness of habitat types as a surrogate for polychaete assemblages in the Port Stephens – Great Lakes Marine Parks, New South Wales. Australia. K. Dixon

11.00-11.20

Benthic Community Structure and Biodiversity from the Prince Gustav Channel and Former Larsen Ice Shelf A, Weddell Sea Antarctica
James A. Blake, Nancy J. Maciolek, and Patrick D. Reynolds

11.20- 13.00

Coffee break, best poster and communication awards, next IPC venues (presentations) President and secretary election, and closing remarks.

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