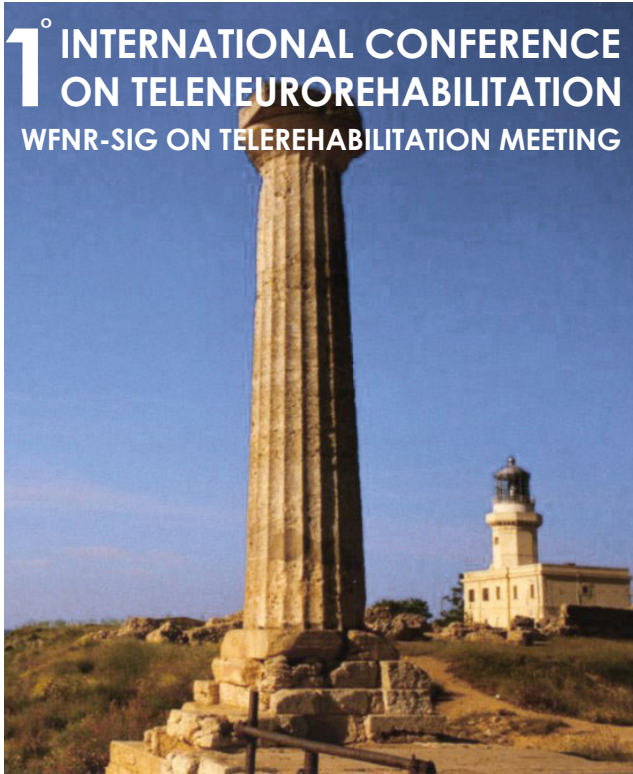


Final Program

1^o INTERNATIONAL CONFERENCE ON TELENEUROREHABILITATION WFNR-SIG ON TELEREHABILITATION MEETING



Different countries, different policies,
different resources, same needs

May 10-11, 2019
CROTONE, ITALY



ISTITUTO S. ANNA

WELCOME

Dear colleagues,

It gives us great pleasure to invite you to join us at our 1st International Conference on Teleneurorehabilitation, which will be held in Crotona (Italy) on May 10th-11th, 2019.

Studies on Telerehabilitation systems and managements have been growing significantly in the last decade, and this rehabilitative approach has been widely accepted and is now well established. Nevertheless, Telerehabilitation is likely to remain incomplete from the point of view of general care, due to persistent cost and political issues in particular.

For this reason, during the last World Federation for NeuroRehabilitation congress held in Mumbai, participants of the Special Interest Group on Telerehabilitation agreed to organise this 1st Conference, in which to share clinical and organisational information and create a worldwide network of colleagues and friends involved in the same topic.

We look forward to welcoming all professionals involved or interested in telerehabilitation research and practice.

Save the date!

Yours sincerely

Paolo Tonin

Chair of WFNR-SIG on Telerehabilitation

Scientific Committee

Michela Agostini (Venezia)

Placido Bramanti (Messina)

Annie Hill (Brisbane)

Nam-Yong Paik (Seoul)

Loris Pignolo (Crotone)

Mauro Zampolini (Foligno)

Paolo Tonin (Crotone)

Organizational Secretariat

Lidia Romania (Crotone)

Website

www.1ictnr.it

Next deadline

April 30, 2019 Registration at Regular Fee

Promoted by



Supported by



Organized by



INSTITUTE S. ANNA
CROTONE

FRIDAY, MAY, 10

7.45	Registration
8.00	Introduction
8.15	Worldwide Experiences on Teleneurorehabilitation (first part)
10.20	<i>Coffee break</i>
10.50	Worldwide Experiences on Teleneurorehabilitation (second part)
12.30	<i>Lunch</i>
13.00	Worldwide Experiences on Teleneurorehabilitation (third part) Poster Session
14.00	Worldwide Experiences on Teleneurorehabilitation (fourth part)
16.40	<i>Coffee break and free time to meet together</i>
18.00	Italian Network on Telerehabilitation: experiences of one year
19.00	Welcoming remarks Authorities addresses Lecture
20.30	Welcome reception

SATURDAY, MAY, 11

8.00	Worldwide Experiences on Teleneurorehabilitation (fifth part)
10.15	Challenges and opportunities
11.15	<i>Coffee break</i>
11.45	Challenges and opportunities. Round Table
14.15	Challenges and opportunities. Final Comments
14.30	Closing and farewell Lunch <i>The participants will have more free time to meet together in the garden of the venue</i>

Final Program

Friday, May, 10, 2019 Morning

7.45 Registration

8.00 Introduction

P. Tonin (Crotone)

M. E. Pugliese (Roma, Crotone)

8.15 - 10.20 Worldwide Experiences on Teleneurorehabilitation. First part

Co-Chairs: A. Hill (Brisbane), A. Cerasa (Catanzaro, Crotone)

8.15 Experiences, Challenges, and Future Directions in Telerehabilitation in the National University Hospital of a Resource-Limited Country in Southeast Asia
C. Leochico (Manila)

8.40 Telemedicine in Neurorehabilitation Assessment, Planning and Follow up
A. Shrivastava (Mumbai)

9.05 Advances of the telerehabilitation technologies in Russian Federation
V. Daminov, I. Gorokhova (Moscow)

9.30 Motor, speech and cognitive telerehabilitation: experiences with a multifunction system
M. Agostini (Venice)

9.55 How can telerehabilitation improve motor control in patients residing in rural and remote areas
I. Cikajlo (Ljubljana)

10.20 *Coffee Break*

10.50 - 12.30 Worldwide Experiences on Teleneurorehabilitation. Second part

Co-Chairs: I. Battel (Venice), G. Cuda (Catanzaro)

10.50 Speech pathology management of motor speech disorders via telerehabilitation
D. Theodoros (Brisbane)

11.15 Using Telerehabilitation to Improve the Assessment, Provision and Evaluation of Speech and Language Therapy Services
P. Enderby (Sheffield)

11.40 Telerehabilitation management of post-stroke aphasia: different models of care
A. Hill (Brisbane)

12.05 Challenges in providing tele-education on Augmentative Alternative Communication in a developing country
S. Mohamad (Kuala Lumpur)

12.30 *Lunch*

Afternoon

13.00 - 14.00 Worldwide Experiences on Teleneurorehabilitation. Third part

Poster Session

Co-Chairs: F. Riganello (Crotone), M. Garzon (Venice), F. Arcuri (Crotone)

Telemedicine consultation as a tool for referral of patients with disorders of consciousness at the Center of neurorehabilitation in Russia

V. Belkin, I. Leiderman, N. Lipovka, R. Rachimov, A. Belkin, A. Alasheev (Yekaterinburg)

The family system in the management of long term care in severe acquired brain injuries

M. G. Raso, P. Perziano, A. Mauro, A. Brigandi, F. Arcuri, L. Mercurio, L. F. Lucca, P. Tonin (Crotone)

An innovative model for the home management of patients with disorders of consciousness: a telerehabilitation service

M. G. Raso, A. Mauro, F. Arcuri, P. Perziano, L. Romania, F. Cusato, S. Liperoti, L. Mercurio, A. Brigandi, A. Pagliuso, L. F. Lucca, S. Serra, P. Tonin (Crotone)

Cognitive telerehabilitation in mild cognitive impairment

R. Manenti, E. Gobbi, M. Cotelli, F. Baglio, S. Di Tella, F. Rossetto, F. Alemanno, R. S. Calabrò, G. Binetti, M. C. Carrozza, S. Iannaccone, P. Bramanti, S. F. Cappa (Brescia)

Integrated technological platform for home care, monitoring and rehabilitation of frail elderly and subjects with motor disabilities

P. Tonin, L. Pignolo, F. Arcuri, A. Iozzi, T. Mazza, A. Labonia, G. Basta, S. Carozzo, S. Serra, L. F. Lucca, A. Mauro, P. Scola (Crotone)

Preliminary results of a non immersive virtual reality training on functional living skills applied to adults with major neurocognitive disorder

S. Panerai, V. Catania, F. Rundo, D. Gelardi, C. Babiloni, R. Ferri (Troina, Roma)

Telerehabilitation-virtual reality exercises performed with different manual grips by subjects after stroke: a proof of concept

M. Agnelli, G. Zanotti, C. Benini, R. Gatti (Rozzano)

Head-virtual reality for rehabilitation in clinic and in continuity of care: feasibility and efficacy for persons with chronic stroke

J. Jonsdottir, F. Baglio, C. Pagliari, S. Di Tella, S. Isernia, P. Gindri, C. Castiglioni, F. Gramigna, T. Bowman, G. Perini, F. Molteni (Milano)

Effects of an innovative telerehabilitation intervention for people with multiple sclerosis: the human empowerment aging and disability program

C. Pagliari, S. Di Tella, S. Isernia, J. Jonsdottir, G. Perini, C. Castiglioni, C. Gramigna, F. Molteni, F. Baglio, P. Gindri (Milano)

Telerehabilitation in multiple sclerosis: the first report of “telesm-rin-network”

S. Di Tella, C. Pagliari, J. Jonsdottir, G. Perini, R. S. Calabrò, P. Bramanti, M. Agostini, C. Della Pietà, M. Franceschini, M. Goffredo, R. De Icco, M. Matamala-Gomez, L. Mendozzi, M. Rovaris, F. Baglio (Milano)

Embedding well-being into an innovative disease-net management model for non-communicable diseases: the sidera[^]b (Sistema Integrato Domiciliare e Riabilitazione Assistita al Benessere) approach

O. Realdon, E. Foglia, F. Rossetto, E. Garagiola, I. Baroni, D. Micucci, M. Nalin, M. Bonfanti, E. Messina, P. Banfi, V. Racca, F. Mantovani, E. Porazzi, F. Baglio, the Sidera[^]B Consortium (Milano)

Usability and acceptability assessment methods of technologies for home-based rehabilitation: a systematic review

G. Sgherri, M. Avola, E. Beani, F. Cecchi, I. Mannari, C. Chisari, G. Cioni, G. Sgandurra (Pisa, Pontedera)

14.00 - 16.50 Worldwide Experiences on Teleneurorehabilitation. Fourth part

Co-Chairs: G. Arabia (Catanzaro), G. Maggioni (Veruno)

14.00 Validating the western aphasia battery – revised through tele-assessment for individuals with aphasia

M. Dekhtyar, E. J. Braun, L. A. Foo, S. Kiran (Boston)

14.13 Evidence obtained from individuals with chronic aphasia using a computer based telemedicine approach

G. D. Zannino (Roma)

14.26 Telerehabilitation services after stroke: an integrated approach

L. Cacciante, C. Della Pietà, S. Federico, L. Maistrello, A. Turolla, M. Agostini (Venezia)

14.39 Remote neuropsychological evaluation during awake neurosurgery

F. Alemanno, E. Houdayer, M. Bailo, P. Mortini, S. Iannaccone (Milano)

14.52 Goal platform for mild cognitive impairment telerehabilitation

F. Vannetti, S. Pazzi, L. Martini, A. Stoppini, L. Fabbri, F. Gerli, I. Mosca, F. Baglio (Firenze)

15.05 Virtual reality training of functional living skills: application in adolescents and young adults with intellectual disability and in adults with major neurocognitive disorder

S. Panerai, V. Bevilacqua, V. Catania, F. Rundo, D. Gelardi, C. Babiloni, R. Ferri (Troina)

15.18 Digital avatars for psychosocial and integrative health support of veterans with spinal cord injury and disorders

V. Wang, V. P. Galea, M. D. Galea (Millbrae, Boston, Bronx)

- 15.31 How digital health can improve care in spinal cord injury
A. Soopramanien (Bournemouth)
- 15.44 Internet-based tele-surveillance and tele-rehabilitation: an integrated approach in a parkinson's disease population (telepark)
F. Pisano, F. Garzonio, C. Ruella, A. Giordano, G. Maggioni, P. Bramanti (Zingonia, Veruno, Messina)
- 15.57 Feasibility of virtual reality in home telerehabilitation for parkinson's disease: management of a randomized clinical trial (rct)
F. Balsamo, F. Garzonio, C. Ruella, G. Mora, M. Gallotta, R. De Icco, G. Sandrini, P. Bramanti (Veruno, Milano, Pavia, Messina)
- 16.10 Effects of an innovative telerehabilitation intervention for people with parkinson: the human empowerment aging and disability program
S. Isernia, C. Pagliari, S. Di Tella, J. Jonsdottir, G. Perini, C. Castiglioni, P. Gindri, C. Gramigna, F. Molteni, F. Baglio (Milano)
- 16.23 An integrated telerehabilitation system: preliminary results of a neuromotor teletreatment in people with a stroke
S. Federico, C. Della Pietà, L. Cacciante, L. Maistrello J. Jonsdottir, M. Agostini (Venezia, Milano)
- 16.36 Clinical outcome and adherence to a teleneurorehabilitation program in balance-impaired stroke outpatients. Preliminary results
M. Maldonado, P. Vargas, R. Vasquez, V. Hidalgo, T. Gutierrez (Santiago)

Coffee break and free time to meet together in the garden of the venue

18.00 -19.00 Italian Network on Telerehabilitation: experiences of one year

Chair: P.Tonin (Crotone)

18.00 Significance and aims of the Italian Network on Telerehabilitation
G. Leonardi (Research Director Italian Ministry of Health)

18.30 Technical characteristics and first clinical data of the Italian Network on Telerehabilitation
P. Bramanti, R.S. Calabrò (Messina)

19.00 Welcoming remarks

Authorities addresses

Lecture

Chair: G. Bagetta (Cosenza)

Neurosciences and ambient: from epigenetic to teleneurorehabilitation
P. Nicotera (Bonn)

20.30 Welcome Reception

Saturday, May, 11, 2019

8.00 - 10.00 Worldwide Experiences on Teleneurorehabilitation. Fifth part

Co-Chairs: F. Baglio (Milan), D. Sattin (Milan)

- 8.00 Not only motor evoked potentials: transcranial magnetic stimulation in neurorehabilitation
M. Pennisi (Catania)
- 8.13 Virtual reality in neurorehabilitation technical aspects and beyond
A. Bramanti (Messina)
- 8.26 Remote interventions for pediatric patients with acquired and congenital brain injury: the experience of an Italian scientific institute
A. Bardoni, C. Corti, V. Oldrati, R. Borgatti, S. Strazzer, C. Urgesi, S. Galbiati, G. Poggi (Bosisio Parini)
- 8.39 Feasibility of a home-based action observation training for children with unilateral cerebral palsy
E. Beani, V. Menici, F. Cecchi, I. Mannari, A. Ferrari, G. Cioni, G. Sgandurra (Calambrone)
- 8.52 Home-based tele-monitored upper limb children action observation training (tele-upcat) rct in unilateral cerebral palsy: short term results
G. Sgandurra, E. Beani, V. Menici, S. Perazza, E. Sicola, A. Ferrari, G. Cioni (Calambrone)
- 9.05 Design and implementation of the reability telerehabilitation platform: data on modifications of functionalities along the user-centered design implementation
F. Rossetto, M. Di Cesare, F. Borgnis, F. Savazzi, C. Pagliari, F. Saibene, M. Alberoni, F. Catania, O. Realdon, F. Baglio (Milano)
- 9.18 Therapeutic adoption to the teleneurorehabilitation program with a design of exercise clusters related to the complexity-based model for categorizing rehabilitation. Preliminary results
M. Maldonado, P. Vargas, R. Vasquez, V. Hidalgo, T. Gutierrez (Santiago)
- 9.31 The application of low cost mobile medical device for online and offline telerehabilitation of neurologic and orthopaedic patients in massive clinical use
J. Petioky, K. Hoidekrova, A. Velebna, M. Janatova, K. Hana (Kladruby u Vlasimi, Prague)
- 9.44 "Healt4the world" as a sustainable global solution to address health inequities in under-resourced communities
S. Intan, R. Bhavya, H. Norhayati (Kuala Lumpur)

10.15-14.15 Challenges and opportunities

Chair: M. Leonardi (Milan)

10.15 Re-thinking models of care: New innovations that can revolutionise teleneurorehabilitation services

T. Russell (Brisbane)

10.45 Moving telemedicine from bench to bedside: successes, failures, and lessons learned.

D. Brennan (Washington)

11.15 *Coffee Break*

11.45 Challenges and opportunities. Round Table

Co-Chairs : M. Zampolini (Foligno), I. Cikajlo (Ljubljana)

Development of Telerehabilitation in European PRM organizations

M. Zampolini (Foligno, UEMS)

Legal issues of the telerehabilitation: Russian experience

V. Daminov, A. Slepneva (Moscow)

Organizational aspects, opportunities, problems and policies for Telerehabilitation in India

N. Surya (Mumbai)

Experience of teleneurorehabilitation in Korea: Challenges and Frustrations

N. J. Paik (Seoul)

13.25 Open Discussion

Final Comments

14.15 A. Giustini (Arezzo, WFNR-SIG on Community Rehabilitation)

14.30 Closing and farewell Lunch

USEFUL INFORMATION

DATES

May, 10-11, 2019

VENUE

Hotel Lido degli Scogli

Viale Magna Grecia 49 - Crotone (KR)

CONTACT

Organizational Secretariat: Lidia Romania

l.romania@istitutosantanna.it

Ph +39 09629466 Mob +39 3888197509

NEXT DEADLINE

Regular Registration: April 30, 2019

Registration on site only cash

DIRECTION AND TRANSFERS

By car

Crotone is situated in the center of Calabria, on the Jonic coast, along the SS 106 Jonica, around half way between Reggio Calabria and Taranto.

By train

From, Lamezia Terme (1h 45'), Reggio Calabria (3h 45'), Taranto (3h 45').

By plane

The most convenient airport to reach Crotona is Lamezia Terme.

Flights from Milano, Pisa, Bologna to Crotona airport are also available.

Suggestion

If you don't use a private car, we suggest you arrive in Lamezia Terme and then take advantage of the Conference transfers.

TRANSFERS from Lamezia Terme

Special transfers for the Conference, at reduced cost, will be arranged between Lamezia, Airport and Railway Station, and Crotona. If you need the transfer, please contact by e-mail the organizational secretary, communicating if you arrive by plane or by train, the date and time of arrival, the flight number or the departure city. The cost of the service is: one way € 25; return € 45.

CERTIFICATE

A certificate of attendance will be delivered to each attendee during the Conference.

WELCOME RECEPTION

The welcome reception will take place on Friday evening at the Hotel Lido degli Scogli

CLIMATE

In May the weather in Crotona is sunny for around 65% of the days and the average temperatures range between 15 and 24 degrees.

ACCOMODATION

A contingent of rooms has been reserved in the following hotels. Hotel bookings can be made directly with the hotel, indicating that you will be attending the Conference.

Hotel Lido degli Scogli **S**

Viale Magna Grecia 49. Ph 0962 28625
(Conference Venue)

Hotel Palace ****

Viale Magna Grecia 56 Ph 0962 903467
(2 min' walking from the Conference Venue)

Palazzo Foti****

Viale Cristoforo Colombo 79. Ph 0962 900608
(City center. 10 min' by car from the Conference Venue).
Transfers free of charge, between this hotel and the Congress Venue, will be arranged.

Other hotels near the Conference venue

Hotel Helios ****

Via Makalla 2, Ph 0962 901291
(10 min' walking from the Conference Venue)

Hotel Casa Rossa ****

Viale Magna Grecia 98. Ph 0962 22496
(10 min' walking from the Conference Venue)

Hotel Panoramic***

Via Makalla 8. Ph 0962 25421
(10 min' walking from the Conference Venue)

Hotel Tortorelli ***

Viale Antonio Gramsci 172. Ph 0962 29930
(5 min' by car from the Conference Venue)

Many B/B are suitable near the Congress Venue and in the City Center.

Speakers

- M. Agostini (Venice)
M. Agnelli (Rozzano, Milan)
F. Alemanno (Milan)
F. Baglio (Milan)
F. Balsamo (Veruno, Novara)
A. Bardoni (Bosisio Parini, Lecco)
E. Beani (Pisa)
V. Belkin (Yekaterinburg)
V. Bevilacqua (Troina, Enna)
A. Bramanti (Messina)
P. Bramanti (Messina)
D. Brennan (Washington)
L. Cacciante (Venice)
R. S. Calabrò (Messina)
I. Cikajlo (Ljubljana)
V. Daminov (Moscow)
M. Dekhtyar (Boston)
S. Di Tella (Milan)
P. Enderby (Sheffield)
S. Federico (Venice)
R. Ferri (Troina, Enna)
M. Galea (New York)
A. Giustini (Arco, Trento)
I. Gorokhova (Moscow)
A. Hill (Brisbane)
S. Isernia (Milan)
J. Jonsdottir (Milan)
S. Kiran (Boston)
C. Leochico (Manila)
G. Leonardi (Rome)
G. Maggioni (Veruno, Novara)
M. Maldonado (Santiago de Chile)
R. Manenti (Brescia)
S. Mohamad (Kuala Lumpur)
P. Nicotera (Bonn)
C. Pagliari (Milan)
N. J. Paik (Seoul)
S. Panerai (Troina, Enna)
M. Pennisi (Catania)
J. Petioky (Kladruby u Vlasimi, Teplice)
O. Realdon (Milan)
F. Rossetto (Milan)
T. Russell (Brisbane)
G. Sgandurra (Pisa)
G. Sgherri (Pisa)
N. Slepneva (Moscow)
A. Soopramanien (Bournemouth)
A. Srivastava (Mumbai)
N. Surya (Mumbai)
D. Theodoros (Brisbane)
F. Vannetti (Florence)
M. Zampolini (Foligno)
G. D. Zannino (Rome)

EXHIBITORS/ SPONSORS





Crotone, Italy | May 10 - 11, 2019