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Other

Sastanak nukleusa Radne skupine “Computers in Cardiology” Barcelona, 28. - 29. 3. 2010.

Working Group Nucleus Meeting “Computers in Cardiology” Barcelona, 28th - 29th March 2010

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U Barceloni je 28. i 29. ožujka 2010. godine održan drugi izvanredni sastanak nukleusa Radne skupine (RS) “Computers in Cardiology” Europskog kardiološkog društva (ESC). Sastanku je pribivalo devet članova Nukleusa uz opravdane izostanke Prof. Guy Carraulta iz Francuske i bivšeg predsjednika radne skupine Prof. Martina Hohera iz Njemačke.

Sastanak je protekao u radnoj i prijateljskoj atmosferi članova koji se već jako dobro poznaju i surađuju¹⁻⁴. Na sastanku je predsjednik RS, dr Nico Bruining, FESC, invazivni kardiolog iz Erasmus/Thorax centra iz Rotterdama podnio izvješće o radu u proteklom periodu od zadnjeg ESC kongresa. Najavio je dva prihvaćena simpozija koja će biti održana pod okriljem RS tijekom ESC kongresa u Stockholmu u rujnu ove godine: “Challenges in modern angiography” predlagачa dr Nico Bruining i dr Niek H. van der Putten, inženjera računarstva iz Erasmus/Thorax centra iz Rotterdama te “Cardiac risk stratification” predlagачa prof. Mareka Malika, FESC iz Surrey-a, Velika Britanija, “Vice-President-elect”. Također je raspravljano o sudjelovanju i podršci znanstvenih simpozija i konferencija s drugim RS i društvima. Potvrđeno je da će RS sudjelovati u

On 28th and 29th March 2010 the second Extra Nucleus Meeting of the European Society of Cardiology (ESC) Working Group (WG) “Computers in Cardiology” was held in Barcelona. The meeting was attended by nine Nucleus members whereas Prof. Guy Carrault from France and former President of the WG Prof. Martin Höher from Germany were absent for justified reasons.

The meeting was held in working and friendly atmosphere of the members who know each other very well and who cooperate well¹⁻⁴. Dr. Nico Bruining, FESC, the WG President, invasive cardiologist from the Erasmus/Thorax center from Rotterdam has at the meeting submitted a report of work for the last period since the last ECS congress. He announced two accepted symposiums that will be held under auspices of WG during ESC congress in Stockholm in September this year: “Challenges in Modern Angiography” by the proposer Dr Nico Bruining and Dr Niek H. van der Putten, IT Engineer from Erasmus/Thorax center from Rotterdam and “Cardiac Risk Stratification” by the proposer Prof. Marek Malik, FESC from Surrey, Great Britain, “Vice-President-elect”. The participation and support to scientific symposiums and conferences was discussed with other WGs and societies. It was confirmed that WG will



From the left to the right: Enno van Der Velde, Nico Bruining, Georg Schmidt, Marek Malik, Goran Krstajić, Philippe Chevalier, Alberto Macerata, Niek van Der Putten, and Enrico Caiani.



From the left to the right: Enno van Der Velder (Netherlands, future president), Goran Krstajić (Croatia), and Nico Bruining (Netherlands, present president of the Working Group).



znastvenom programu koji će biti održani tijekom EuroPCR, EuroPace, EuroEcho, EHRA (poglavito u "e-Health Summit" i "Imaging Policy Conference"), Neurocard, ISHNE Winter meeting i New Echocardiographic and Biomedical Engineering Approaches for Mitral Valve Prolapse Assessment and Surgery: The Surgaid Project⁵.

Gospođa Celine Serio iz Europske kuće srca bila je ovaj put spriječena doći na sastanak, ali je poslala radni materijal koji je prikazan i nakon čega je uslijedila rasprava o pojedinim točkama. Izložen je i program organizacijske i logističke podrške budućoj djelatnosti RS te promoviran logo radne skupine i nova kartica, tzv. "flyers" s osnovnim podacima o novom čelništvu RS za razdoblje 2010. - 2012. godine i buduće aktivnosti skupine⁶.

Prof. Malik je izložio dosadašnje rezultate u stvaranju smjernica za "Alternirajući T val u stratifikaciji kardijalnog rizika" što se ostvaruje suradnjom RS "Computers in Cardiology" i "International Society for Holter and Noninvasive Electrocardiology" (ISHNE), "International Society of Computerised Electrocardiology" i "European Cardiac Arrhythmia Society". Također su prikazani dosadašnji napori i rezultati na osuvremenjivanju postojećih smjernica o varijabilnosti srčanog ritma koje datiraju iz davne 1996. godine te aktivnost RS kao pokrovitelja budućih smjernica o procjeni autonomnog kardijalnog statusa. Taj dokument je u ranoj fazi nastanka i Prof. Malik i Prim. Krstačić su izabrani u savjetodavni odbor i zaduženi za daljnje praćenje i izvješćivanje o napretku smjernica⁷.

Doktor Niek H. van der Putten je izložio problematiku pohrane i pregleda visokorezolucijskih prikaza koji poglavito nastaju tijekom invazivnih kardioloških postupaka i prikazom MSCT i MR srca i koronarnih arterija. Predložena je rasprava o tom problemu, navlastito o razmjeni slikovnih prikaza između liječnika i institucija. Također je podnio izvješće o sastanku EU komisije u Brussels-u o budućoj regulaciji i odobrenjima za uporabu medicinskih uređaja i medicinskom software-u i najavio program sljedećeg sastanka u Nici.

Prim. dr. sc. Goran Krstačić, FESC je podnio izvješće o mogućnostima pristupanja/pridruživanja različitim Europskim projektima, poglavito integrativnim projektima EU. Predstavljene su sadašnje mogućnosti i suradnja između europskih institucija koje se bave sličnom biomedicinskom problematikom. Prikazani su i FP7 EU projekti u kojima sudjeluju članovi RS^{8,9}.

Uslijedio je vrlo zanimljiv prikaz prijedloga članova Nukleusa za simpozije koji će biti upućeni na recenziju za ESC kongres u Parizu 2011. godine. Svih osam prijedloga su pozitivno ocijenjeni i podržani, a slijedeća tri prijedloga su ocijenjena najzanimljivijima: prijedlog Prof. Georg Schmidt, iz Munich, Njemačka "Respiration dynamics", zajednički prijedlog Assist Prof. Enrico G. Caiani iz Italije i Prof. Schmidt iz Njemačke "Computer modelling possibilities in drug testing — Pro et Contra discussion" i prijedlog Prim. dr. sc. Gorana Krstačić iz Hrvatske "Heart modelling and heart rate variability — New analytical methods and clinical applications".

Pri kraju sastanka otvorena je rasprava o budućem čelništvu RS koje će biti službeno promovirano na redovitoj skupštini tijekom ESC kongresa u Stockholmu. Novi predsjednik u dvogodišnjem mandatu bit će dr. Eno T. Van der Velder, FESC, medicinski fizičar iz Leidena, Nizozemska.

participate in the scientific program that will be held during EuroPCR, EuroPace, EuroEcho, EHRA (especially in "e-Health Summit" and "Imaging Policy Conference"), Neurocard, ISHNE Winter meeting and New Echocardiographic and Biomedical Engineering Approaches for Mitral Valve Prolapse Assessment and Surgery: The Surgaid Project⁵.

Ms. Celine Serio from the European Heart House could not come to the meeting this time, but she sent the working material that was presented followed by the discussion on specific items. The program of organizational and logistic support to the WG future activity was also presented, the logotype of the Working Group and the new card, the so-called "flyers" with the basic details of the new WG leadership for the period from 2010 to 2012 and the future WG activities⁶ were promoted.

Prof. Malik presented the achieved results in creation of the guidelines for the "Alternating T wave in the stratification of the cardiac risk" which is accomplished by the cooperation of the WG "Computers in Cardiology" and "International Society for Holter and Noninvasive Electrocardiology" (ISHNE), "International Society of Computerised Electrocardiology" and "European Cardiac Arrhythmia Society". Recent efforts and results of advancement of the existing guidelines of variability of cardiac rhythm dating from 1996 and activity of the WG as the sponsor of the future guidelines of assessment of autonomous cardiac status were shown. This document is in the early stage of creation and Prof. Malik and Head Doctor Krstačić have been elected in the Advisory Board and are charged for monitoring and reporting of advancement of the guidelines⁷.

Doctor Niek H. van der Putten put forward the issue of filing and reviewing high resolution images that are created especially at the time of invasive cardiac procedures and image of MSCT, heart MR and coronary arteries. The discussion of this issue was proposed, especially of the exchange of imaging presentations between the physician and institution. He also submitted a meeting report by the EU Commission in Brussels about the future regulation and approvals for the use of medical devices and medical software and announced a program for the future meeting in Nice.

Dr Goran Krstačić, PhD, FESC submitted a report of possibilities of accessing/joining different European projects, especially EU integrating projects. Present possibilities and cooperation between European institutions engaging in similar biomedical issues were presented. FP7 EU projects attended by the WG members^{8,9} were presented too.

It was followed by an interesting presentation of the proposals by the Nucleus members for symposiums that will be sent for review for the ECS congress in Paris in 2011. All eight proposals were positively evaluated and the next three proposals were assessed the most interesting: Proposal by Prof. Georg Schmidt, from Munich, Germany "Respiration Dynamics", joint proposal by Assist Prof. Enrico G. Caiani from Italy and Prof. Schmidt from Germany "Computer Modelling Possibilities In Drug Testing — Pro et Contra Discussion" and proposal by Dr. Goran Krstačić (Croatia) "Heart Modelling and Heart Rate Variability — New Analytical Methods and Clinical Applications".

At the end of the meeting there was a discussion opened on future membership of the WG that will be officially promoted at the regular meeting during the ECS con-



Sadašnji tajnik RS Prof. Malik postat će potpredsjednik, a prim. dr. sc. Goran Krstačić tajnik. Dosadašnji predsjednik dr Nico Bruining ostaje još dvije godine član Nukleusa i izabran je za urednika mrežnih stranica i novina koje će se uskoro početi objavljivati. Nakon kongresa u Stocholmu ostat će upražnjeno jedno mjesto člana Nukleusa odlaskom bivšeg predsjednika Prof. M. Höher, FESC, iz Bayreutha, Njemačka i uskoro će uslijediti obavijest o mogućnosti aplikacije članovima skupine (ukupno RS sada broji 155 člana prema popisu iz ožujka 2010.) za to mjesto.

Sastanak je tradicionalno okončan u vrlo prijateljskoj atmosferi zajedničkim fotografiranjem i sljedeći susret je zakazan na skupštini tijekom ESC kongresa.

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gress in Stockholm. The new President having two-year term of office will be Dr. Eno T. Van der Velder, FESC, medical physicists from Leiden, Netherlands. Present WG Secretary, Prof. Malik will become Vice-President, and the Dr Goran Krstačić will become a Secretary. The former President Dr Nico Bruining will remain the Nucleus member for two years and has been elected the editor of web pages and newspapers that will soon be published. Following the congress in Stockholm there will remain an vacant position of the Nucleus member after resigning of the former President Prof. M. Höher, FESC, from Bayreuth, Germany, and soon notice of possibilities of submission of application for that position will be sent to the Group members (WG now has 155 members according to the list from March 2010).

The meeting was traditionally finished in a very friendly atmosphere by taking joint photographs and the next meeting has been convened at the General Meeting during