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## Programme

<b>MONDAY, 15<sup>th</sup> May</b>	
<b>9:30</b>	<b><i>Opening session &amp; keynotes I, location Aurora</i></b>
	<p>Opening words, representative of the University of Oulu</p> <p>Welcome words by Centre for Wireless Communications (CWC), prof. Jari Linatti, Head CWC-NS</p> <p>Welcome words by ICMCIS Steering Committee, Peter Lenk, Chair</p> <p>Organizational remarks, Harri Saarnisaari, TPC chair</p> <p><i>Keynote</i></p> <p>Brigadier General Kari Renko, Chief Engineer, Finnish Defence Forces</p> <p><i>Keynote</i></p> <p>Dr. Paul Antonik, Chief Scientist of the Air Force Research Laboratory, Rome, New York, USA</p>
10:50	<i>coffee</i>
<b>11:10</b>	<b><i>Session 1: Communication Networks I, location Aurora</i></b> <b><i>chair: Bart Scheers, Royal Military Academy, Belgium</i></b>
11:10	<p><b>Network management issues in military cognitive radio networks 1</b></p> <p><u>Timo Bräysy</u><sup>1</sup>, Topi Tuukkanen<sup>2</sup>, Stefan Couturier<sup>3</sup>, Erik Verheul<sup>4</sup>, Niels Smit<sup>5</sup>, Boyd Buchin<sup>6</sup>, Vincent Le Nir<sup>7</sup>, Jaroslaw Krygier<sup>8</sup></p> <p><sup>1</sup>Centre for Wireless Communications, University of Oulu, Finland; <sup>2</sup>Finnish Defence Research Agency, Riihimäki, Finland; <sup>3</sup>Fraunhofer FKIE, Wachtberg, Germany; <sup>4</sup>Royal Netherlands Navy, Ministry of Defence, Den Helder, Netherlands; <sup>5</sup>Ministry of Defence, Utrecht, Netherlands; <sup>6</sup>Rohde &amp; Schwarz, Munich, Germany; <sup>7</sup>Royal Military Academy, Brussels, Belgium; <sup>8</sup>Military University of Technology, Warsaw</p>

11:35	<p><b>National Mobility in Coalition Tactical Networks 7</b></p> <p>Sam McLaughlin<sup>2</sup>, <u>Roland Schutz</u><sup>2</sup>, Marko Luoma<sup>1</sup>, Nuutti Varis<sup>1</sup>, Robert Hancock<sup>3</sup>, Konrad Wrona<sup>4</sup>, Vinod Mishra<sup>5</sup>, Jon Spencer<sup>6</sup>, Per Carlén<sup>7</sup>, A. Metin Balci<sup>8</sup></p> <p><sup>1</sup>Aalto University; <sup>2</sup>Thales Communications and Security; <sup>3</sup>Roke Manor Research; <sup>4</sup>NATO Communications and Information Agency; <sup>5</sup>US Army Research Laboratory; <sup>6</sup>Defence Science and Technology Laboratory; <sup>7</sup>Swedish Defence Materiel Administration (FMV); <sup>8</sup>ARGELA</p>
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12:50	<i>lunch</i>
14:00	<p><b>Session 2: Communication Networks II, location Aurora</b>  chair: Marek Amanowicz, Military University of Technology, Poland</p>
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	<i>Mathematics and Information Security, Royal Holloway, University of London, UK</i>
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15:15	<p><b>Multuser Power and Bandwidth Allocation in Ad Hoc Networks with Type-I HARQ under Rician Channel with Statistical CSI 52</b></p> <p><u>Xavier Leturc</u><sup>1</sup>, Christophe Le Martret<sup>1</sup>, Philippe Ciblat<sup>2</sup></p> <p><sup>1</sup>Thales Communications &amp; Security, France; <sup>2</sup>Télécom ParisTech, France</p>
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	<b>Extended HUDSAP for Distributed MAC Scheduling in Mobile Ad-hoc Networks N/A</b> <u>Hafeez M. Chaudhary</u> , Bart Scheers <i>Royal Military Academy, Belgium</i>
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	<b>Frequency dependent mismatch correction scheme for Zero-IF receivers N/A</b> <u>Rafał Hibner</u> <sup>1</sup> , Ryszard Zieliński <sup>2</sup>

	<sup>1</sup> SeCom sp. z o.o., Poland; <sup>2</sup> Wrocław University of Science and Technology, Poland
	<b>Channel State Prediction based on Hidden Markov Model with Adaptive Training Algorithms for Cognitive Radio Networks N/A</b> <u>Wojciech Bednarczyk</u> , Piotr Gajewski Military University of Technology, Poland
	<b>Routing with estimation of MANET nodes associations N/A</b> Rafal Brys <sup>1</sup> , <u>Piotr Gajewski</u> <sup>2</sup> <sup>1</sup> Military Communication Institute, Poland; <sup>2</sup> Military University of Technology
	<b>Evaluation of the OLSR-based routing mechanism with the link quality and node resources assessment N/A</b> <u>Janusz Romanik</u> , Adam Kraśniewski, Edward Golan Military Communication Institute, Poland
	<b>OFDM signal detection based on cyclic autocorrelation function N/A</b> Krystian Grzesiak Military Communication Institute, Poland
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	<sup>1</sup> NATO Communications and Information Agency, The Hague, Netherlands; <sup>2</sup> Military University of Technology in Warsaw, Poland; <sup>3</sup> Research and Academic Computer Network, Warsaw, Poland; <sup>4</sup> Gdańsk University of Technology, Gdańsk, Poland
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	<p><i>Keynote</i> Dr. Kia Wiklund, Dep. Research Director, Department for C4ISR, FOI</p> <p><i>Keynote</i> Christopher Stace, Head of Information Superiority Unit, EDA</p> <p><i>Keynote</i> Mr. Alan Shaffer, Head of the NATO CSO, Paris</p>
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15:50	<p><b>Session 8: Concepts for Defence II &amp; Wireless Technology II, location Aurora</b> chair: Jerzy Łopatka, Military University of Technology, Poland</p>
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