

ESA's Living Planet Symposium 9-13 May 2016, Prague

NIERSC. List of presentations

"Cryosphere poster session" 10.05 – 13.05.2016

1. **Sea ice monitoring and forecasting system to support safe operations and navigation in the Arctic seas (SONARC)** *(Poster presentation №1613)*

Leonid Bobylev^{1,2}, Stein Sandven², **Vladimir Volkov**¹, Lasse Pettersson², Scott Stephenson^{5,2}, Victoria Khmeleva¹, Anna Vesman^{1,3}, Stefan Muckenhuber², Denis Demchev^{3,1}, Mohamed Babiker², Alexandra Mushta^{1,4}, Kirill Smirnov¹

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⁴St. Petersburg State University (SPbSU), St. Petersburg, Russia

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2. **Sea ice drift retrieval from SAR using Histogram Oriented Descriptors**

(Poster presentation № 1951)

Denis Demchev^{3,1}, Vladimir Volkov¹, **Victoria Khmeleva**¹

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3. **Sea ice classification algorithm for Sentinel-1 images**

(Poster presentation №2203)

Anton Korosov¹, Natalia Zakhvatkina^{2,3}, **Anna Vesman**^{2,3}, Aleksandra Mushta^{2,4}, Stefan Muckenhuber¹

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4. **Changes in ice regime, Atlantic water temperature and wind conditions in the area surrounding Spitsbergen** *(Poster presentation №1640)*

Anna Vesman^{1,2}, Vladimir Volkov¹, Boris Ivanov²

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5. **The variability of the ice drift fields as an indicator of the climatic changes in the ice cover of the Arctic Basin** *(Poster presentation №1050)*

Vladimir A. Volkov¹, **Aleksandra V. Mushta**^{1,3}, Denis M. Demchev², Aleksandr Ja. Korjikov², Stein Sandven³

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"Oceanography poster session" 10.05 – 13.05.2016

Coccolithophore blooms at high latitudes as observed from space: developed methodologies and results of their application

Dmitry Kondrik^{1,2}, Dmitry Pozdnyakov^{2,3}, Lasse Pettersson³

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