<table>
<thead>
<tr>
<th>HOUR:</th>
<th>DESCRIPTION:</th>
</tr>
</thead>
<tbody>
<tr>
<td>18:00</td>
<td>Registration</td>
</tr>
<tr>
<td>18:30</td>
<td>Get-Together with tapas and drinks</td>
</tr>
</tbody>
</table>

Tuesday 10. March
<table>
<thead>
<tr>
<th>HOUR:</th>
<th>DESCRIPTION:</th>
</tr>
</thead>
<tbody>
<tr>
<td>08:30</td>
<td>Registration and coffee</td>
</tr>
</tbody>
</table>
| 08:50    | Welcoming address  
Vetle Vinje, Chair of the Program Committee |
|          | **Broadband acquisition and processing**  
Chair: Atle Aamodt, PGC and Paal Kristiansen, Schlumberger |
| 09:00    | Keynote: Looking forward, looking back:  
Seismic technology in Norwegian waters  
Adriana Citlali Ramirez, TGS |
| 09:30    | The next generation source-over-cable acquisition in the Barents Sea  
Vetle Vinje, CGG  
Authors: V. Vinje, T. Elboth, E. Kaszycka, G. Poole, N. Salaun, CGG |
| 10:00    | Shallow hazard determination using exploration 3D seismic data  
Patrick Smith, Schlumberger  
Authors: P. Smith, R. Milne, G. Vey, S. Way, D. Brager, M. Yanez, G. Apeland  
Author’s Affiliation: WesternGeco, AkerBP |
| 10:30    | Coffee Break                                                               |
| 11:00    | Least-squares migration - the new standard for high-end imaging  
Øystein Korsmo, PGS  
Authors: Ø. Korsmo*, S. Arasanipalai J.Oukili, G. Rønholt, C. Hintz, PGS |
| 11:30    | Interbed multiples in the Norwegian Continental Shelf - modelling and attenuation through a variety of methods  
Geir Apeland, WesternGeco |
| 12:00    | Increasing Utsira basin resolution using Hexa and Ennea sources, a case study  
Guillaume Henin, CGG  
Authors: Guillaume Henin, Nicolas Salaun, Andrew Wright, Stephane Pellerin, CGG |
|          | **Exploration and Production case studies**  
Chair: Terje Dahl, Equinor and Espen Harris Nilsen, Lundin Norway |
| 12:30    | Keynote: Considerations for seismic investments  
Marit Stustad Guttormsen, Equinor |
<p>| 13:00    | Lunch                                                                      |</p>
<table>
<thead>
<tr>
<th>HOUR:</th>
<th>DESCRIPTION:</th>
</tr>
</thead>
</table>
| 14:00 | Integrated study to discover and characterize a shallow gas anomaly at Valhall  
Fredrik Jakobsen, Aker BP  
Authors: Einar Jarle Kjos, Fredrik Grastveit Jakobsen, John Ryan Paton, Ross Milne, Aker BP |
| 14:30 | Use of seismic amplitudes targeting undrained Lower Rannoch Fm. oilfilled sands, Vigdis field.  
Per Inge Espedal, Equinor |
| 15:00 | Coffee Break |
| 15:30 | Eldfisk OBN – A novel, cost efficient way of acquiring 4D seismic data with Ocean Bottom Nodes  
Benedicte Myhre, ConocoPhillips  
Authors: Benedicte Myhre, Per Gunnar Folstad, Leila Bencherif-Sørensen, Ruben Thomassen, Victoria Flatås, ConocoPhillips |
| 15:50 | Improved Structural Imaging Using Joint Velocity and Q FWI on Eldfisk Ocean Bottom Seismic  
Kate McCluskey, CGG  
Authors: A. Varghese, K. McCluskey, J. Schultzen, C. Henstock, M. Naerheim, B. Lyngnes, L. Bencherif-Sørensen, V. Flatås,  
Author’s affiliation: CGG, ConocoPhillips |
| 16:15 | Improved reservoir monitoring with PP & PS time-lapse imaging utilising up/down deconvolution: An OBC case study from the Edvard Grieg field  
Paal Kristiansen, WesternGeco  
Authors: F. Twynam, R. Ford, P. Caprioli, M. Hooke, R. Whitebread, P.E. Dhele, V. Danileisen, K.R. Strait,  
Author’s affiliation: WesternGeco, Lundin Norway |
| 16:45 | Gudrun 4D – a time lapse case study using an evolutionary processing approach  
Kristoffer Sundby, Equinor  
Authors: Per Inge Flo (CGG), Cris Henstock (CGG), Erik Hicks (CGG), Kyrre Simonsen (Equinor), Muhammad Faheem Abbasi (Equinor) and Kristoffer Sundby (Equinor) |
| 17:15 | End of Conference day 1 |
| 18:00 | Aperitif & Conference Dinner |

Wednesday 11. March
<table>
<thead>
<tr>
<th>HOUR:</th>
<th>DESCRIPTION:</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Emerging technologies &amp; Machine Learning</strong>&lt;br&gt;Chair: Espen Harris Nilsen, Lundin Norway and Geir Apeland, Schlumberger</td>
<td></td>
</tr>
<tr>
<td>08:30</td>
<td><strong>Keynote: Emerging technologies &amp; Machine Learning</strong>&lt;br&gt;Tony Martin, PGS</td>
</tr>
<tr>
<td>09:00</td>
<td><strong>Generative neural networks for seismic processing</strong>&lt;br&gt;Aina Juell Bugge, Lundin&lt;br&gt;Authors: A. J. Bugge, J. E. Lie, E. H. Nilsen, Lundin Norway AS</td>
</tr>
<tr>
<td>09:30</td>
<td><strong>From plugs to plays - Integrated property prediction across scales with machine learning and deep neural networks in the Norwegian North Sea</strong>&lt;br&gt;Arne Klepp Kvalheim, Earth Science Analytics&lt;br&gt;Authors: Arne Klepp Kvalheim, Steve Purves, Behzad Alaei, Dimitrios Oikonomou, Eirik Larsen, Earth Science Analytics AS</td>
</tr>
<tr>
<td>10:00</td>
<td>Coffee Break</td>
</tr>
<tr>
<td>10:30</td>
<td><strong>SOM - an additional tool in reservoir characterization, an example from Barents Sea</strong>&lt;br&gt;Malgven Roudot, Equinor&lt;br&gt;Authors: M. Roudot, T. N. Heigheim, E. K. Dahl, M. J. Grepstad, E. T. Delaney, Equinor</td>
</tr>
<tr>
<td>11:00</td>
<td><strong>Utsira: Processing and imaging a large-scale, high-density OBN survey</strong>&lt;br&gt;Tom Rayment, DownUnder GeoSolutions&lt;br&gt;Authors: Rayment, T. Letki, L, DownUnder Geosolutions</td>
</tr>
<tr>
<td>11:30</td>
<td><strong>Reducing sound levels emitted from marine seismic sources</strong>&lt;br&gt;Stian Hegna, PGS</td>
</tr>
<tr>
<td>12:00</td>
<td><strong>Broadband multi-source acquisition based on the principles of signal apparition</strong>&lt;br&gt;Per Riste, Equinor&lt;br&gt;Authors: P. Riste*. L. Anundsen*, F. Anderssont, M. Cogan*, Å. S. Pedersen*, J. Robertscont. Author’s affiliation: *Equinor ASA, †Seismic Apparition GmbH</td>
</tr>
<tr>
<td><strong>Field Monitoring, Multi-Azimuth</strong>&lt;br&gt;Chairs: Terje Dahl, Equinor and Vetle Vinje, CGG</td>
<td></td>
</tr>
<tr>
<td>12:30</td>
<td><strong>Cost-effective reservoir monitoring using seafloor measurements of gravity changes and subsidence</strong>&lt;br&gt;Hugo Ruiz, Octio&lt;br&gt;Authors: Hugo Ruiz, PhD, Martha Lien, PhD, Octio AS</td>
</tr>
<tr>
<td>HOUR</td>
<td>DESCRIPTION</td>
</tr>
<tr>
<td>------</td>
<td>-------------</td>
</tr>
<tr>
<td>13:00</td>
<td>Lunch</td>
</tr>
</tbody>
</table>
| 14:15 | *Grane PRM: Handling sparse acquisition challenges in processing*  
Madjid Berraki, Equinor  
*Authors: M. Berraki, N. Moyle, R. M. Eldé, Equinor* |
| 14:45 | *Increasing resolution at Brent Level, a multi-azimuth Martin Linge case study*  
Nicolas Salaun, CGG  
*Authors: Nicolas Salaun, Andrea Roubaud, Guillaume Gigou, Jean-Baptiste Mitschier, Alessandro Pintus, Daniel Fischer, Inger Ruth Wikander, CGG* |
| 15:15 | *Keynote: What is the future of the geocommunity in Norway?*  
Egil Tjåland, NTNU |
| 15:45 | Closing remarks and result from best paper |
| 16:00 | End of Conference |