



**SOLAKONFERANSEN**  
*Skandinavisk luftfartskonferanse*



Universitetet  
i Stavanger

Headline and Main Topic:  
**OFFSHORE HELICOPTER  
OPERATIONS TOWARDS 2038**

THE SOLA CONFERENCE 2018  
**SOLAKONFERANSEN 2018**

September 17<sup>th</sup> - 19<sup>th</sup>  
Clarion Hotel Air

[www.solakonferansen.no](http://www.solakonferansen.no) | [www.solakonferansen.com](http://www.solakonferansen.com)



Only imagination can foresee the future of helicopter operations offshore, but already now we can see great gains in technology being introduced in various kind of rotorcraft. Last year Solakonferansen (The Sola Conference) dealt with the gap between helicopter and fixed wing. It revealed impatience and topics of concern to helicopter operators and passengers. There are some areas within the helicopter transportation that can be improved to achieve higher safety and comfort.

At present time there are, in some areas, lack of technological redundancies on vital systems in helicopter design. Low power-weight ratio on the helicopters causes deficiency in speed and range. Passengers argue for better comfort in cabin. High vibration levels, noise in cabin, and the need for personal survival equipment for an imminent emergency, does not appeal on reliance and safety to all passengers.

I like to invite you to Solakonferansen 2018, so we all can look in the crystal ball together. To see how the manufacturers seek important solutions for the benefit of the whole helicopter industry. We like to present an arena for ideas and reflection in making helicopter transport safer and more efficient.

Solakonferansen is a forum where personnel within the aviation industry can meet and exchange views in common interests. I am looking forward to seeing you all.

Odin Leirvåg  
Chairman

Stiftelsen Solakonferansen/The Sola Conference Foundation



The offshore helicopter sector is still in a period of change, but 2017 has been a year for stabilisation and consolidation. We think it is time to look further into the future, to 2038, and try to paint a picture on what offshore transportation will look like in 20 years from now. Looking back at the previous 20 years, the business has developed both on the technological side and the business side. Unfortunately, we still see accidents and serious incidents. So, the question is what do we see looking towards 2038 that will contribute to a safer operation, a more stable business, and a supporting technological development?

There are many interesting aspects around these topics. Of course, safety is the main driver for this conference, so all presentations revolve around this topic, coming from different perspectives, of course. The first afternoon of the conference, we set the scene with the manufacturers bringing us up to speed on what they see going forward towards 2038. On the second day we have a wide variety of topics ranging from regulatory issues to operations and future maintenance training. Day three is the "traditional" day with updates from HeliOffshore, The Ministry of Transport and Communications, the CAA NO etc. On both evenings we set the scene for mingling and networking with the first evening on the top floor of the conference hotel, and the second evening we go on an idyllic fjord cruise including a seafood menu spiced with a demonstration of a SAR-helicopter sea pickup.

We hope to see you all there for an exciting and social three-days.

Øivind Solberg  
Chairman of the Conference Committee  
Solakonferansen 2018

## WHAT IS SOLAKONFERANSEN (THE SOLA CONFERENCE)?

Stiftelsen Solakonferansen (The Sola Conference Foundation) aims at bringing together the people who can best contribute to improve safety, quality and environment in aviation.

With an annual conference, Solakonferansen, the foundation wishes to find the best solutions, including paying attention to research, and let aviation authorities, organizations, airlines, unions and educational institutions present their contributions to improved aviation safety.

The Foundation's arrangement shall contribute to information, while at the same time taking into account and taking care of the specificity and tradition of aviation.

## AUDIENCE

The target audience is professional and political leadership in the ministries, aviation authorities, airline industry management, Avinor, the Civil Aviation Authority, international aircraft manufacturers, organizations, service unions, research and educational institutions, press and media, politicians, oil companies, transport and other industries.

## Lecturers

- Minister of Transport and Communications  
**Ketil Solvik-Olsen**, Progress Party (FrP),  
Ministry of Transport and Communications
- Deputy Mayor **Jan Sigve Tjelta** (KrF),  
Sola Municipality
- **Lars Kobberstad**, Director General, CAA Norway
- **Dag Falk-Petersen**, Chief Executive Officer,  
Avinor AS
- Prof **Graham Braithwaite** FRAeS FCILT FISASI,  
Professor of Safety & Accident Investigation,  
Cranfield University
- **Karl Johnny Hersvik**, Chief Executive Officer,  
Aker BP ASA
- **Santiago Soley Rimblas**, Co-founder and Chief  
Executive Officer, Pildo Labs
- **Audrey Brady**, Vice President, Commercial  
Systems and Services, Sikorsky, a Lockheed Martin  
Company
- **Francois Lassale**, Operations Director, HeliOffshore
- **Peggy Hessen Følsvik**, President, LO Luftfart, and  
First Vice President, The Norwegian Confederation  
of Trade Unions (LO)
- **Torbjørn Lothe**, Managing Director, The Federation  
of Norwegian Aviation Industries (NHO Luftfart)
- **Mark Abbey**, Regional Director, CHC Europe,  
Middle East, Africa (EMEA)
- **Kåre Halvorsen**, Deputy Director and Director  
Aviation Department, Accident Investigation Board  
Norway
- **Tor Nørstegård**, Inspector of Accidents, Accident  
Investigation Board Norway
- **Stephen G Hawkes**, Group Head of Aviation, BP,  
and IOGP ASC Chairman
- **Anders Kristian Røsok**, Head of Flight Operations,  
CAA Norway, and Chairman The Committee for  
Helicopter Safety on the Norwegian Continental  
Shelf (SF)
- **Scott James Carmichael**, Owner Director at  
Aviation Project Support Limited, HeliOffshore,  
Cranfield University
- **Morten Andreas Ødegaard Køltzow**,  
Researcher, Development Centre for Weather  
Forecasting, Norwegian Meteorological Institute
- Airbus Helicopters, Sep 17<sup>th</sup>: **Régis Magnac**,  
Vice President Head of Customer Operations
- Bell Helicopter Textron Inc, Sep 17<sup>th</sup>:  
**Byron Ward**, Vice President Bell 525 Program
- Leonardo Helicopters, Sep 17<sup>th</sup>: **Name TBC**
- Sikorsky Helicopters, Sep 17<sup>th</sup>: **Simon Gharibian**,  
Director, Global Sustainment Centers of Excellence,  
Lockheed Martin Corporation

### Conductor/Master of Ceremonies:

- **Jarle Gimmestad**, Senior Partner, Gimmestads

## Stiftelsen Solakonferansen (The Sola Conference Foundation)

### The Board 2018

Chairman	Odin Leirvåg	Airline Captain (Ret), SAS
	Arne Martin Gilberg	Director Business Development, Aircontact Group AS
	Kenneth Arne Pettersen Gould	Associated Professor, University of Stavanger (UiS)
	Nina Handegaard	Sales Manager Operations, Fonnafly AS
	Heidi Wulff Heimark	Area Manager, Bristow Norway AS
	Leif Anker Lorentzen	Managing Director, Stavanger Airport, Sola
	Øivind Solberg, PhD	Aviation Advisor, Corporate Flight Safety, Statoil ASA

### Secretariat

Håvard Haugen	General Manager, Stiftelsen Solakonferansen
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### Conference Committee Solakonferansen 2018

Chairman	Øivind Solberg, PhD	Aviation Advisor, Corporate Flight Safety, Statoil ASA
	John Arild Gundersen	Chairman NOROG Aviation Forum/Aviation Authority, Aker BP ASA
	Thor Gunnar Johansen	Accountable Manager & Senior Manager Technical Services, CHC Helikopter Service AS
	Jim Urianstad	Flight Operations Manager, Bristow Norway AS
	Håvard Haugen	Secretary

## Monday September 17<sup>th</sup>

### DAY ONE - THE HELICOPTER MANUFACTURERS MERCANTILE AND COMMERCIAL

0800-1055	<i>Registration - Coffee in the hotel lobby</i>
1100-1120	<i>Welcoming Remarks</i> Odin Leirvåg, Chairman of the Board of Stiftelsen Solakonferansen
	<i>The Sola Conference 2018</i> <i>Official Opening and Opening Speech</i> Deputy Mayor Jan Sigve Tjelta, Sola Municipality
1120-1130	<i>Lead in and Introduction to the Program</i> Jarle Gimmestad, Master of Ceremonies, Senior Partner, Gimmestads
1130-1230	<i>Buffet Lunch</i>
1230-1645	<i>What does a helicopter (vertical flight) look like in 2038? Level of automation, technology etc.</i>
1230-1320	<i>Bell Helicopter Textron Inc</i> Byron Ward, Vice President Bell 525 Program
1320-1335	<i>Break</i>

1335-1425	<i>Sikorsky's Sustainment Organization</i> Simon Gharibian, Director, Global Sustainment Centers of Excellence Lockheed Martin Corporation
1425-1450	<i>Break</i>
1450-1540	<i>Leonardo Helicopters</i>
1540-1555	<i>Break</i>
1555-1645	<i>Airbus Helicopters</i> Régis Magnac, Vice President Head of Customer Operations, Airbus Helicopters
1645-1700	<i>Break</i>
1700-1730	<i>Avinor AS Presentation</i> Dag Falk-Petersen, CEO, Avinor AS
1730-1735	<i>Summary and Close of Day One</i> Jarle Gimmestad
1930-2200	<i>Evening Social at Clarion Hotel Air,</i> 1930 To report at Leonardo Training & Simulator Site, next door to the hotel, for The Leonardo Helicopters AW101 Welcome Cocktail - Presentation and Walk Through 2000 Return to hotel, proceed to the top floor, Sky Tower 2015 Buffet Dinner in Sky Tower 2200 Close of Evening Social

## Tuesday September 18<sup>th</sup>

### DAY TWO - THE SAFE OFFSHORE HELICOPTER OPERATIONS PROFESSIONAL

0800	<i>Registration commences - Coffee in the hotel lobby</i>
0845-0850	<i>Introduction to Today's Program</i> Jarle Gimmestad, Master of Ceremonies
0850-0930	<i>Keynote</i> Karl Johnny Hersvik, CEO Aker BP
0930-1000	<i>Future technology</i> Santiago Soley Rimblas, Co-founder and CEO, Pildo Labs
1000-1025	<i>Break</i>
1025-1055	<i>Improvements In Analysing Challenges In Maintenance,</i> Scott James Carmichael, HeliOffshore, Cranfield University

1055-1125	<i>The How's And The Why's Of Static Discharge With Helicopters,</i> Morten Andreas Ødegaard Køltzow, Researcher, Norwegian Meteorological Institute
1125-1145	<i>Break</i>
1145-1215	<i>Status «The Committee for Helicopter Safety on the Norwegian Continental Shelf» (SF) - Handling and dealing with challenging Issues,</i> Anders Røsok, Head of Flight Operations, CAA NO, Chairman SF
1215-1315	<i>Buffet Lunch</i>
1315-1355	<i>On Managing An Offshore Helicopter Business, Challenges Towards 2038</i> Mark Abbey, Regional Director, CHC Europe, Middle East, Africa (EMEA)

## Tuesday September 18<sup>th</sup> continues

<p>1355-1435 <i>The Nature Of Accidents, What Can We Expect Towards 2038?</i> Prof. Graham Braithwaite, Cranfield University</p> <p>1435-1455 <i>Break</i></p> <p>1455-1525 <i>The International Association of Oil &amp; Gas Producers (IOGP) Aviation Sub Committee «On the future, challenges going forward»</i> Steven G. Hawkes, Group Head of Aviation, BP, Chairman IOGP Aviation Sub Committee</p> <p>1525-1550 <i>From Sikorsky, a Lockheed Martin Company, Point of View</i> Audrey Brady, Vice President, Commercial Systems and Services, Sikorsky, a Lockheed Martin Company</p> <p>1550 - 1625 <i>Accident Investigation Board Norway Report on The Helicopter Accident at Turøy</i> Kåre Halvorsen, Deputy Director and Director Aviation Department, and Tor Nørstegård, Inspector of Accidents, Accident Investigation Board Norway</p>	<p>1625-1630 <i>Summary and Close Down of Day Two</i> Jarle Gimmetstad, Master of Ceremonies</p> <p>1815-2245 <i>Evening Social and Tour of Ryfylke Fjords and/or Lysefjorden on board MS Sandnes - Sea Food Buffet Dinner, Static Displays</i></p> <p>1815 Transport by bus from Clarion Hotel Air to Port of Stavanger, Skagenkaien</p> <p>1835 Arrive Skagenkaien, embark MS Sandnes - local attendees (not resident at the hotel) to report at this point and time for embarkation</p> <p>1845 Depart Stavanger for tour of Ryfylke/Lysefjorden</p> <p>2215 Arrive Port of Stavanger, Skagenkaien - disembark MS Sandnes</p> <p>2225 Return by bus to Clarion Hotel Air</p> <p>2245 Arrive hotel</p>
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## Wednesday September 19<sup>th</sup>

<b>DAY THREE - THE OVERALL OFFSHORE HELICOPTER OPERATIONS AND AVIATION TRANSPORT POLICY</b>		1055 - 1130 <i>Civil Aviation Authority Norway Presentation</i> Lars Kobberstad, Director General, CAA Norway
0800	<i>Coffee available in the hotel lobby</i>	
0845-0850	<i>Introduction to Today's Program</i> Jarle Gimmetstad, Master of Ceremonies	1130-1205 <i>The Federation of Norwegian Aviation Industries Presentation</i> Torbjørn Lothe, Managing Director, The Federation of Norwegian Aviation Industries (NHO Luftfart)
0850-0935	<i>Risks and safety challenges towards 2038,</i> Francois Lassale, Operations Director, HeliOffshore	
0935-0950	<i>Break</i>	1205-1220 <i>Break</i>
0950-1025	<i>The Ministry of Transport and Communications Presentation</i> Ketil Solvik-Olsen, Minister of Transport and Communications	1220-1255 <i>On The Unions In The Future,</i> Peggy Hessen Følsvik, President, LO Luftfart, and First Vice President, The Norwegian Confederation of Trade Unions (LO)
1025-1055	<i>Break</i>	1255-1300 <i>Summary of SK18 - Closing Remarks</i> Jarle Gimmetstad and Øivind Solberg
		1300-1400 <i>Buffet Lunch</i>

See You next year at "Solakonferansen 2019", September 16<sup>th</sup> - 18<sup>th</sup> 2019!

Thank you all for your highly valued and crucial contribution, your support and excellent cooperation!

Sponsors, advertisers and partners contribute to give the conference financial strength, and to maintain the quality of this and future conferences.

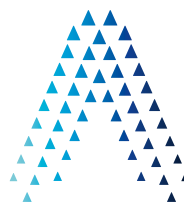


## Sola kommune

Velkommen til Sola!  
Lykke til med årets luftfartskonferanse  
Hilsen SOLA KOMMUNE



**CLARION HOTEL AIR  
STAVANGER**  
BY NORDIC CHOICE



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Managing Safety



THE MONDAY SEPTEMBER 17TH PROGRAM IS DESIGNED IN COOPERATION WITH,  
AND SUPPORTED BY AIRBUS, BELL, LEONARDO AND SIKORSKY

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## Conference Fee - Registration - Hotel Accommodation - Practical Information

At [www.solakonferansen.no](http://www.solakonferansen.no) or [www.solakonferansen.com](http://www.solakonferansen.com) you will find information on the conference program, and link to Registration which also includes booking of hotel accommodation.

### Conference Fee

*Solakonferansen 2018, September 17<sup>th</sup> - 19<sup>th</sup>.*

NOK 5.900,- which includes conference materials, coffee breaks and refreshments, buffet lunches all three days, and evening events with full meals (buffet) both on Monday 17<sup>th</sup> and Tuesday 18<sup>th</sup>.

### Conference Fee and payment

If you pay your Conference Fee by credit card, registration is confirmed, and access to the conference is granted, when payment procedure is performed.

If you choose the invoice solution, please note that you will be charged for an invoice fee of NOK 100,-.

### **REGISTRATION: As soon as possible, but not later than Thursday August 16<sup>th</sup>**

Registration guidelines.

See website [www.solakonferansen.no](http://www.solakonferansen.no) or [www.solakonferansen.com](http://www.solakonferansen.com) for «Registration Solakonferansen 2018».

It will not be granted a reduction in the conference fee in cases where the participant cannot / do not want to join the entire conference.

*If cancelled after the registration deadline, you will be charged an administration fee of NOK 500,-.*

*If cancelled later than Friday September 7<sup>th</sup>, there will be no refund of the conference fee.*

### Overnight stay for conference attendees, September 16<sup>th</sup> - 19<sup>th</sup>

A special conference deal with Clarion Hotel Air is providing a limited number of rooms at a favorable discounted rate.

Single room, per night, breakfast and VAT included.

Sunday through Wednesday, September 16<sup>th</sup> - 19<sup>th</sup>  
NOK 1.350,-.

**Important:** Please note: We cannot provide hotel accommodation at a discounted conference rate when the registration deadline is passed.

### Extra overnight stay weekend September 14<sup>th</sup> - 16<sup>th</sup>

#### Clarion Hotel Air

Single room, per night NOK 1.065,-.  
Breakfast and VAT included.

Double room, for two persons, per night NOK 1.165,-.  
Breakfast and VAT included.

#### Clarion Stavanger (down town)

Single room, per night NOK 965,-.  
Breakfast and VAT included.

Double room, for two persons, per night NOK 1.065,-.  
Breakfast and VAT included.

### Shuttle bus service Stavanger Airport, Sola - Clarion Hotel Air, vice versa

An exclusive Solakonferansen 2018 free shuttle bus service Stavanger Airport - Clarion Hotel Air, and vice versa, will be established providing transport for conference attendees.

See information displayed at a stand in the arrival hall at the airport, and in the conference secretariat at the hotel.

#### Operating hours

- Friday Sep 14<sup>th</sup> until Sunday 16<sup>th</sup>, late PM
  - On request\*) to [leder@solakonferansen.no](mailto:leder@solakonferansen.no)
- Monday Sep 17<sup>th</sup> from 0700 until 1300 hrs
  - Continuous shuttle, every 15 mins
- Monday Sep 17<sup>th</sup> from 1300 hrs until Wednesday 19<sup>th</sup> 1330 hrs
  - On request\*) to [leder@solakonferansen.no](mailto:leder@solakonferansen.no) or to the conference secretariat (when established)
- Wednesday 19<sup>th</sup> from 1345 hrs until 1500 hrs
  - From Clarion Hotel Air to Stavanger Airport, Sola at 1345 hrs, further on every 15 mins

**Note:** \*) Please signal as directed, by email, your itinerary, arrival/departure flight numbers and times, and we will act accordingly

### Parking at the conference hotel location

**Outdoors:** Day and night NOK 120,- Per hour NOK 12,-.

**Indoor:** Day and night NOK 150,- Per hour NOK 12,-.