

Welcome to ESTAD 2021 Plenary Session!

Nowadays we are aware of the potential hazards of greenhouse gas emissions. The steel industry is responsible for a significant part of such emissions. At the same time, steel is vital for building a sustainable society. Although several important steps have been taken, a lot more has to be done to decrease the emissions to the levels set by EU policies for 2050. New technologies are required for virtually all processes related to steel production. Open exchange of ideas and knowledge is a very good starting point for developing the new, smart and sustainable processes the steel industry needs. ESTAD 2021 will be a part of this journey into the future. The Swedish steel industry and the Swedish steel producers' association, Jernkontoret, have agreed on a long-term vision, "Steel shapes a better future". Every day the steel industry's products contribute to worldwide society. Please join us in Stockholm to discuss how the steel industry can become an even more active participant in the ongoing shift to a sustainable society. We are sure that you share our conviction that scientific discovery and innovation are the basic tools to fulfill those intentions. Therefore, we are pleased to announce our theme for the plenary session:

Steel and Sustainability – shaping a better future together

Program

13:30-13:35	Welcome to ESTAD2021	Gert Nilson
13:35-14:05	Fit for 55 and its effects on the European steel industry	Adolfo Aiello, Director Climate and energy, Eurofer
14:05-14:35	New environmental demands on the Chinese steel industry,	Li Xinchuang, MPI, China
14:35-15:00	Discussion	
15:00-15:30	Break	
15:30-16:00	Our reasons for sourcing "green" steel	Jonas Eriksson, VP Purchasing, Scania Trucks
16:00-16:30	Toward a Fossil Free Future with HYBRIT: Development of Iron and Steelmaking Technology in Sweden and Finland	Martin Pei, SSAB, Sweden
16:30-17:00	Discussion	

About our Speakers

Karin Klingenstierna (Moderator)

Karin Klingenstierna, professional moderator, has been leading hundreds of events, seminars, conferences, debates, and congresses, for 25 years, in Sweden as well as internationally. She is a generic moderator. Among her assigners are Jernkontoret, WHO Europe, Volvo, Astra Zeneca, The University of Gothenburg, The Swedish Association of Graduate Engineers, the Swedish Public Health Agency, The Swedish Transport Administration, The Aerospace and Defense PLM Action Group, The Swedish National Road and Transport Research Institute, and Business Arena, the leading Nordic real estate annual event. Karin looks forward to being the chair of the ESTAD 2021 plenary session.



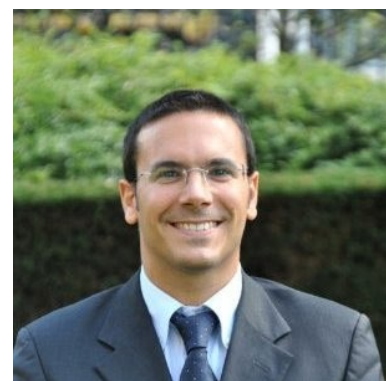
Gert Nilson



Gert Nilson is the technical director at Jernkontoret and the host of ESTAD 2021. He has a broad industry background and experience from the USA and Germany. Creativity and innovation are in focus when Gert Nilson talks about the future of industry.

Adolfo Aiello

Adolfo Aiello is Director Climate & Energy at EUROFER since July 2015. He leads the advocacy and technical work on climate & energy issues, including Emissions Trading System, carbon border adjustment, renewables, and energy efficiency. Adolfo has more than 10 years' experience in Brussels-based trade associations on these topics. He holds a M.A. in European Studies at the College of Europe with a thesis in EU trade policy.



Li Xinchuang



Mr. Li Xinchuang, Professorate Senior Engineer, enjoying special allowance approved by the State Council, Foreign Member of Russian Academy of Natural Sciences. Now he works as Chairman and Chief Engineer of China Metallurgical Industry Planning and Research Institute (MPI), Vice Chairman of China Iron & Steel Association (CISA), Vice Director General of China Energy Conservation Association (CECA), Member of Expert Committee of 14th Five-year National Development Plan and Chief Expert of Research Office of National Air Pollution Prevention and Control Center.

He has participated in and undertaken development planning of China's iron & steel industry from the "8th Five Year Plan" to the "14th Five Year Plan", as well as study and formulation of related industrial policies. He has participated in and undertaken development planning for several hundred domestic and overseas iron & steel enterprises, as well as early stage debate for key projects. He has been invited to participate in the 25th China-US Joint Commission on Commerce and Industry and G20 Steel Forum, and in numerous international planning consultation and cooperation negotiation. He has great influence in the industry due to rich experience on large project organization and in-depth research on industrial development and market dynamics.

Jonas Eriksson

Jonas Eriksson is the Vice President and Head of Projects, Strategy and Regions at Scania Purchasing. He joined Scania the first time in 2001 and has since then held various management positions in production and purchasing. In his current role, Jonas has been developing the supply chain ambition and strategy that will ensure a successful execution of Scania's strategy; to Drive the Shift towards a sustainable transport system. In his presentation, Jonas will share the perspective of a customer in the Automotive industry in the middle of a transformation where sustainability takes the center stage combined with the implications this will have on partners in the steel industry.



Martin Pei



Martin Pei is the Executive Vice President and CTO at SSAB AB. He joined SSAB in 2001 and has held various management positions until his appointment in 2007 as his current position. Martin Pei is the initiator of the joint Swedish industrial project HYBRIT (Hydrogen Breakthrough Ironmaking Technology) between SSAB, LKAB and Vattenfall, supported by the Swedish Energy Agency. The project partners aim to solve the root cause of carbon dioxide emissions in the steel industry by adopting a new hydrogen based direct reduction technology, creating a fossil free value chain from iron ore mines to

finished steel products. In his Keynote, Martin Pei will share the status of the development work at HYBRIT and SSAB in developing a fossil-free, sustainable technology for one of the most important industries in Sweden and Finland.