

FRENCH CORROSION INSTITUTE

INSTITUT DE LA CORROSION

Complete List of Publications

2002 – 2026

Peer-Reviewed Journal Articles: 206

Conference Presentations: 375

Book Chapters & Other Publications: 10

Total: 591 references

Part I – Publications in Peer-Reviewed Journals

Total: 206 references

2026

- D. Persson, A. Warnheim, S. Sainis, N. LeBozec, D. Thierry, Atomic force infrared microscopy studies of SO₂ induced atmospheric corrosion of ZnAlMg- coated steel in humid air, *Vibrational Spectroscopy* 142, 103883, 2026
- D. Thierry, D. Persson, N. LeBozec, Long Term Atmospheric Corrosion of Magnesium Alloys: Influence of Aluminium Content. *Corrosion and Materials Degradation*, XXX, 2026
- N. LeBozec, D. Thierry, Corrosion performance of prepainted galvanised steel after 8-year outdoor exposure upon the distance to the seashore in temperate environment, *Materials and Corrosion*, XXX, 2026
- D. Jero, I. Monteil, N. LeBozec, D. Thierry, N. Caussé, N. Pébère, Influence of the mechanical deformation on the water uptake and failure mechanisms of polyester coil-coatings, *Coatings*, XXX, 2026
- P. Marmet, Y. Safa, M. Prestat, F. Vucko, R. Logé, L. Holzer, In situ quantification of β -phase dissolution in Ti-6Al-4V under harsh oxidative conditions, *Corrosion Science*, 2026
- E. Mauriot, F. Vucko, P. Marmet, L. Holzer, S. Sainis, M. Dumouchel, M. Prestat Initiation stage of Ti6Al4V corrosion in H₂O₂-containing phosphate buffer saline, *Materials Letters*, 2026
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- Makogon, F. Kanoufi, V. Helbert, F. Vucko, S. Shkirskiy, A Novel Method for Hydrogen Permeation Detection Using Reflective Microscopy and Machine Learning, *Analytical Electrochemistry*, 2026
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- N. LeBozec, P. Picot, A. Le Gac, D. Thierry Influence of Surface Preparation on the Durability of Repair Coatings for Prepainted Galvanised Steel, *Materials and Corrosion*, 76(4), 533-541, 2025
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- D. Persson, A. Warnheim, N. LeBozec, D. Thierry, Studies of Initial Atmospheric Corrosion of Magnesium Alloys AZ91 and AZ31 with Infrared Spectroscopy Techniques, *Corros. Mater. Degrad.* 6(4) 2025
- J. Becker, E. Diler, K. Péliissier, J. Bertrand, Real-Time Monitoring of Carbon Steel Corrosion Under High-Dose Gamma Irradiation Using Electrical Resistance Sensors Designed for Deep Geological Repository of Radioactive Waste, *Materials and Corrosion* 77 (2025) 46–54
- K. Chergui, B. Lescop, M. Prestat, G. Ringot, F. Vucko, V. Demange, L. Rault, F. Gouttefangeas, L. Joanny, S. Ollivier, M. Walls, G. Maranzana, D.S. Ramirez-Rico, L. Assaud, S. Rioual, Protective

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F. Vucko, V. Helbert, A. Nazarov, Quantification of hydrogen flux from atmospheric corrosion of steel using scanning Kelvin probe technique, *MDPI/Metals*, 2023

S. Ootsuka, F. Vucko, V. Helbert, A. Nazarov, D. Thierry, Quantification of hydrogen from atmospheric corrosion by SKP technique based on electrochemical permeation data, *Corrosion Science* (2023)

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- K. Chergui, B. Lescop, M. Prestat, V. Helbert, F. Vucko, V. Demange, L. Rault, F. Gouttefangeas, L. Joanny, M Walls, Gaël Maranzana, S. Rioual, TiNx based protective coatings for corrosion protection of 316L stainless steel bipolar plates under PEMWE anode-like conditions, Eurocorr 2024
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P. Bonin, A. Roggero, D. Thierry, N. LeBozec, N. Pébère, N. Caussé, Impedance analysis of the barrier effect of prepainted steel materials, 5th International Corrosion of Prepainted Materials, Stockholm, Sweden, May 31, 2023

N. LeBozec, D. Persson, D. Thierry, Use of IR spectroscopical techniques to investigate corrosion and coating degradation of prepainted galvanized steel, Galvatech 2023, Seoul, Korea, Oct 15-19, 2023

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N. LeBozec, K. Pélissier, D. Thierry, Review of Accelerated Corrosion Tests Projects Act-Steel and ACT-Aluminium, ECCA Autumn Congress, Brussels, Belgium, Nov. 20-21, 2023

B. Cowe, F. Vucko, H. Marchebois, L. Ponson, Contribution to the Understanding of Hydrogen Stress Cracking Initiation and Propagation in Nickel Based Alloys, AMPP conference 2023, Denver, Colorado

E. Diler, Krystel Pelissier, Abdelkader Meroufel, N. Larché, Investigation of the Mechanisms and Kinetic of Cathodic Disbondment in Seawater and Soils, AMPP Annual Conference Expo, Denver, Colorado, USA, March 2023

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J. Becker, E. Diler, Franky Tanguy, F. Vucko, Corrosion rate prediction of zinc and steel in accelerated corrosion tests using machine learning and real-time corrosion sensors, Eurocorr, Brussels, 2023

K.Pélissier, N. LeBozec, D. Thierry, N. Larché, “How to test anticorrosive coatings performance? From accelerated testing to field exposure both in traditional field station and simulated service conditions”, Eurocorr, Brussels, 2023

K.Pélissier, D. Thierry, “Effect of adhesion properties on coil coating performance. A possible link with blistering?”, 5th International Symposium Corrosion of Prepainted Materials, Stockholm, 2023

J. Pellé, C. Leballeur, N. Larché, Investigation of the under-deposit corrosion susceptibility of stainless steels in seawater, Stainless Steel World, Maastricht, 2023

- C Leballeur, N Larché, B Cowe, P I Nice, Impact Of Dissolved Oxygen Concentration In Seawater Injection Well On The Localized Corrosion Resistance Of Low Stainless Steel Grades, AMPP Annual Conference Expo, Denver, Colorado, USA, March 2023
- C Leballeur, Q T Tran, N Larché, Corrosion Resistance Of Stainless Steel Pipelines In Seawater During Pre-Commissioning Phase, AMPP Annual Conference Expo, Denver, Colorado, USA, March 2023
- C Leballeur, E Agel, J-P Blanc, O Loukakou, Investigation of corrosion and cathodic behavior of Aluminium coating in natural seawater, EUROCORR 2023
- F. Peltier et D. Thierry, Development of reliable accelerated corrosion tests for aluminum alloys used in the aerospace industry, AMPP Annual Conference Expo, Denver, Colorado, USA, March 2023

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- N. LeBozec, D. Persson, D. Thierry, Coating degradation under different weathering conditions using FTIR spectroscopy, Eurocorr 2022, Berlin, Aug. 28 – Sept. 1, 2022
- N. LeBozec, D. Persson, Release of microplastics and particles from prepainted metals during ageing – Characterization of aged panels, ECCA Congress, Brussels, Nov. 21-22, 2022
- E. Diler, F. Peltier, J. Becker, D. Thierry, Real-time corrosion monitoring of aluminium-copper alloys under chloride-contaminated atmospheric conditions, Eurocorr 2022, Berlin, Aug. 28 – Sept. 1, 2022
- C. Leballeur, E. Diler, E. Nicolas, N. Larché, In situ data and design of cathodic protection for tidal turbines, 7ème Journées Protection Cathodique et Revêtements Associées, Antibes Juan-Les-Pins, June 14-16, 2022
- N Larché, D Thierry, C Leballeur, E Diler, Crevice Corrosion of High-Grade Stainless Steels in Seawater: A Comparison Between Temperate and Tropical Locations, AMPP 2022, San Antonio
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- E. Diler, K. Bouzaffour J. Becker, V. Grassin, B. Lescop, S. Rioual, Real time monitoring of the chloride ingress in concrete and rebar corrosion using electrical resistance, Ag/AgCl and Ultra High Frequency sensors, Sea Tech Week, Brest, September 29 2022

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- T. Cassagne, H. Marchebois, D. Thierry, F. Vucko , Hydrogen Stress Cracking Resistance of High Strength Alloys for Subsea Fasteners, NACE 2021, On line
- N. LeBozec, D. Thierry, Corrosion performance of prepainted steel materials. Tools for qualification of materials. ECCA Webinar, March 18, 2021
- N. LeBozec, K. Pelissier, D. Thierry Corrosion performance of prepainted aluminium materials. ECCA Webinar, June 6, 2021
- N. LeBozec, D. Thierry, D. Persson, The effect of microstructure on the corrosion stability of zinc-aluminium-magnesium alloy coated steel in atmospheric conditions. Galvatech 21, Online, June 21-24, 2021
- N. LeBozec, D. Thierry; K. Pelissier, F. Peltier, Development of a New Accelerated Corrosion Test for Coil Coated Aluminium Sheet, GfKorr annual conference, Online, November 23-24, 2021
- N. LeBozec, K. Pelissier, D. Thierry, Optimisation of Accelerated Corrosion Test for Coil Coated Steel Materials, ECCA Autumn Congress, Brussels, November 29-30, 2021
- S. Rioual, B. Lescop, J. Pellé, G. Chaumat, G. De Alkmim Radicchi, M.-D. Bruni, J. Becker, D. Thierry: Evaluation of atmospheric corrosivity index in museums by RFID sensors: application to the monitoring of pollution emitted by archeological woods, MDPI, 2021- Online

- D. Thierry, D; Person and N. LeBozec, In-situ and ex-situ characterisation of corrosion products formed on zinc and zinc alloyed coated steel, Invited keynote lecture, Eurocorr 2021, On line
- D. Thierry: Application of advanced electrochemical and spectroscopical techniques to study the atmospheric corrosion of metals, Award lecture EFC corrosion medal, Eurocorr 2021, On line
- D. Thierry, J. Becker and E. Diler, Recent advance in corrosion monitoring of atmospheric corrosion of zinc and galvanised steel, GALVATECH 2021, Online
- D. Thierry, Influence of minor addition of Si and Ti on the corrosion performance of ZM coated steel, GALVATECH 2021, Online

2020

- C. Mendibide, State of the art of H₂ injection into gas transport networks, Webinar Corrosion In Low Carbon Energy, November 3-4, 2020
- D. Thierry and D. Persson Atmospheric Corrosion of Magnesium Alloys: Influence of Aluminium Content, Invited lecture, ECS conference October 2020
- D. Thierry and D. Persson, FTIR Spectroscopical Imaging of the Substrate/Polymer Interface upon Exposure to Corrosive Environments, Invited lecture, ECS conference October 2020

2019

- J. Bolivar, S. Necib, C. Comas, M. Fregonese, T. Monnier; N. Bulidon, M. Valay, A. SAidoun
“Development of an innovative corrosion monitoring methodology for the French radioactive waste disposal applciation” Eurocorr 2019, Seville, Spain
- P. Bonin, A. Rogero, N. Caussé, N. Pébere, D. Thierry and N. LeBozec, “EIS monitoring of water uptake and glass transition variations on coil-coated materials”, EIS 2019, Bordeaux, France
- N. Bulidon, M. Fregonese, C. Duret-Thual, S. Necib “Assesment of the resistance to stress corrosion cracking (SCC) of C-steel casing and overpack in cementitious bentonite grout material” Eurocorr 2019, Seville, Spain and LTC 2019, Nancy , France
- N. LeBozec, D. Thierry, F. Vucko, Fatigue Corrosion of Multimaterial Concepts, Eurocorr 2019, Sevilla, Spain
- N. LeBozec, D. Thierry, F. Peltier, Towards the development of reliable accelerated corrosion tests for aerospace materials, ASTS, November 7-8, 2019, Nantes, France
- N. LeBozec, D. Thierry, Influence of microstructure of zinc-aluminium-magnesium alloyed coated steel on the corrosion behaviour in laboratory tests and outdoor marine atmosphere, ISE 2019, Durban, South Africa
- C. Comas, M. Fregonese, N. Bulidon, J. Bolivar, S. Necib, O. Fedrigo, H. Idrissi, G. Girardin “Evaluation of monitoring techniques for localized and uniform corrosion of carbon steel used for radioactive waste disposal” Eurocorr 2019, Sevilla, Spain
- M. D. Deffo-Ayagou, C. Mendibide, C. Duret-Thual, J. Kittel, N. Ferrando, E. Sutter, T.T.M. Tran, B. Tribollet, “EIS Study of Iron and Steel Corrosion in Aqueous Solutions at Various Concentrations of Dissolved H₂S: Impact of Oxygen Contamination” NACE Corrosion Conference 2019 – paper 13041, Nashville, USA
- M. Deffo Ayagou, G. R. Joshi, B. Tribollet, T.T.M. Tran, C. Mendibide, J. Kittel, “Corrosion and hydrogen permeation of low alloy steel in H₂S-containing environment : the effect of test buffer solution chemistry” Eurocorr 2019, Seville, Spain
- E. Diler, N. Larché, and D. Thierry, Carbon steel and Stainless steel cathodic protection design data in Deepsea Water – Influence of the environment on the biofilm cathodic activity, NACE 2019, Nashville, USA

- E. Diler, N. Larché, J. Vittonato, F. Castillon, High sensitive sensors for collection of cathodic polarization data and determination of protection potential criteria of buried structures, NACE 2019, Nashville, USA
- E. Diler, V. Leblanc, H. Gueuné, N. Larché, V. Deydier, Y. Linard, D. Crusset and D. Thierry, Potential influence of microorganisms on the corrosion of the carbon steel in the French high and intermediate level long-lived nuclear waste disposal context, LTC 2019, Nancy, France
- C. Duret-Thual, D. Thierry, C. Mendibide, I. Salvatori, L. Alleva, E. Trillo, J. W. Martin, "Assessment of the Hydrogen Induced Stress Cracking Resistance of Precipitation Hardened Nickel-Based Alloys Using the Slow Strain Rate Tensile Test Method – Review of a Three Years Test Program" NACE Corrosion Conference 2019 – paper 13284, Nashville, USA
- N. Fuertes, C. Linder, S. Munktel, C. Mendibide, J. Vang "Corrosion evaluation of additive manufactured 316L and IN718 using standard electrochemical testing methods" EuroMat 2019
- G. Joshi, A. Bonneau, J. Kittel, C. Mendibide, "Hydrogen permeation studies in sour using the hollow sensor technique" Eurocorr 2019, Seville, Spain
- N. Larché, E. Diler & D. Thierry, Crevice and Pitting Corrosion of Stainless-Steel and Nickel based alloys in Deep Sea Water, NACE 2019, Nashville, USA
- N. Larché, Bernd Sagebiel, Jérôme Blanc and D. Thierry, Effect of service conditions on the corrosion of Nickel-Aluminum Bronze (NAB) and Copper-Nickels (CuNi) in seawater, NACE 2019, Nashville, USA
- N. Larché, D. Thierry and Thomas Lang and Internal corrosion of copper-nickel alloys tubes 90/10 and 70/30 in chlorinated seawater for heat exchangers, NACE 2019, Nashville, USA
- C. Mendibide, J. Kittel, C. Duret-Thual, M. D. Deffo-Ayagou "O₂ contamination in SSC / HIC qualification test environments – Impact on test results and discussion on acceptable limits" NACE Corrosion Conference 2019 – paper 12894, Nashville, USA
- C. Mendibide, V. Deydier, X. Borubon, "Corrosion behavior of aluminum alloy 5754 in cement-based matrix simulating nuclear waste disposal conditions" Eurocorr 2019, Seville, Spain and LTC 2019, Nancy, France
- N. Nazarov, D. Thierry and F. Vucko, Application of Scanning Kelvin Probe to study the Effects of Strain and Hydrogen on the Passivity of stainless steel AISI 304, ISE topical meeting, Toledo, Spain, 2019
- D. Persson and D. Thierry, Spectroscopic imaging of the buried substrate / polymer interface upon exposure to corrosive environments, Eurocorr 2019, Seville, Spain
- I. Salvatori, L. Alleva, C. Duret-Thual, D. Thierry, E. Trillo, J. W. Martin "Assessment of the Hydrogen Induced Stress Cracking Resistance of Precipitation Hardened Nickel-Based Alloys Using the Slow Strain Rate Tensile Test Method: Influence of Microstructure" NACE Corrosion Conference 2019 – paper 13284, Nashville, USA
- J. Soares Costa, M. Prestat, B. Lescop, S. Rioual, B. Tribollet, L. Holzer, D. Thierry, "EIS analysis of oxygen reduction on sputtered ZnO films" Eurocorr 2019, Spain, Seville
- D. Thierry, N. Larché, P. Ian Nice, H. Amaya, Y. Matsuda, L. Scoppio, and M. Fiocchi, "Re-passivation of Duplex Stainless Steel UNS S82551 in Treated Seawater Injection Service" Eurocorr 2019, Seville, France
- D. Thierry, D. Persson, Long-term Atmospheric Corrosion of Hot-Dip Galvanized Steel and Zn-Al Coated Steel, Eurocorr 2019, Seville, Spain
- D. Thierry, A. Nazarov, F. Vucko and S. Rioual, Application of Scanning Kelvin Probe for In-situ Studies of Hydrogen Permeation in Steel, ISE 2019, Durban South Africa
- D. Thierry, A. Le Gac, E. Diler and N. LeBozec, Recent advance in corrosion monitoring of atmospheric corrosion, NACE 2019, Nashville, USA
- E. Trillo, C. Duret-Thual, D. Thierry, C. Mendibide, I. Salvatori, L. Alleva, J. W. Martin "Assessment of the Hydrogen Induced Stress Cracking Resistance of Precipitation Hardened Nickel-Based Alloys

Using the Slow Strain Rate Tensile Test Method - Experimental Parameters and Related Issues”
NACE Corrosion Conference 2019 – paper 13455, Nashville, USA

F. Vucko, S. Ootsuka, S. Rioual, E. Diler, A. Nazarov, and D. Thierry, Hydrogen detection in high strength dual phase steel using scanning Kelvin probe technique coupled with XPS analyses of the surface oxide film., Eurocorr 2019, Seville, Spain

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A. Allion-Maurer, A. Fanica, C. Leballeur and N. Larché, Crevice geometry and biofilm development impact on stainless steel durability in drinking water network, Eurocorr 2018, Krakow, Poland, September 9-13, 2018

A. Allion-Maurer, A. Fanica, C. Leballeur and N. Larché “Stainless steel sustainability in drinking water distribution network”, Matériaux 2018, Strasbourg, November 18-23, France

C. Bergmann, Kl. Mraczek, B. Kröger, T. Sturel, J. Jürgensen, Y. Yagodzinskyy, X. Guo, F. Vucko, M. Kuhlmann, S. Veith, M. Pohl, Hydrogen embrittlement resistance evaluation of advanced high strength steels in automotive applications, proceedings SteelyHydrogen 2018, 29-31 May 2018, Ghent, Belgium

M. Deffo-Ayagou, C. Mendibide, C. Duret-Thual, J. Kittel et al. «Corrosion of pure iron and hydrogen permeation in the presence of H₂S with O₂ contamination, NACE 2018 – paper 10931, Phoenix, USA, 2018

E. Diler, J. Vittonato, F. Castillon, N. Larché, Electrical resistance sensors for the determination of the protection potential of buried structure under cathodic protection, CEOCOR 2018, Stratford Upon Avon, UK

N Larché, E Diler, J Vittonato, S Shumovskiy, Field Cathodic Protection Study in the Specific Artic Conditions of the Yamal Gas Carrier Terminal, NACE 2018, Phoenix, USA

N. LeBozec, D. Thierry, D. Persson and A. Le Gac, Atmospheric corrosion of zinc-aluminium and zinc-aluminium magnesium coated steel in low carbon dioxide conditions – Influence of microstructure. Eurocorr 2018, Krakow, Poland, September 9-13, 2018

N. LeBozec, D. Thierry, A. Le Gac and D. Persson Influence of Carbon Dioxide on the Atmospheric Corrosion of Zinc-Aluminium and Zinc-Aluminium-Magnesium Coated Steel, AiMES 2018, Cancun, Mexico, Sept 30- Oct 4, 2018

N. LeBozec, D. Thierry, D. Persson, G. Luckeneder, K.-H. Stellnberger Atmospheric Corrosion of Hot Dip Galvanized Steel and Zn-Al-Mg Coated Steel, ECCA Congress, Brussels, Belgium, November 19-20, 2018

N. LeBozec, F. Vucko, D. Thierry, Fatigue Corrosion of Multimaterial Concepts, 7th International Seminar in the Field of Automotive Corrosion, Detroit, Michigan, USA, June 5-6, 2018

C. Mendibide, N. Bulidon, C. Duret-Thual, H. Marchebois, T. Cassagne, T. Mesquita, Effect of small plastic deformation and dynamic straining on the sulfide stress cracking resistance of a TMCP X65 pipeline steel, Eurocorr 2018, Krakow, Poland, September 9-13, 2018

F. Ruel, S. Saedlou, and C. Mendibide, Influence of temperature and pH on SCC assisted by H₂S on the susceptibility of 22%Cr duplex, NACE 2018 – paper 10873, Phoenix, USA, 2018

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D. Thierry and N LeBozec, Atmospheric corrosion of hot dip galvanized and zinc alloyed coated steel in ammonia and ammonium chloride, Eurocorr 2018, Krakow, Poland, September 9-13, 2018

D. Thierry, F. Peltier, A common industrial approach towards the development of a reliable corrosion test in the aerospace industry, Eurocorr 2018, Krakow, Poland, September 9-13, 2018

- D. Thierry and N. Larché, Crevice Corrosion of Stainless Steel in Tropical Seas, ICMCF, Melbourne, USA, 2018
- D. Thierry, C. Leballeur and N. Larché, A New Crevice Assembly Adapted for Tube Geometries to Test Crevice Corrosion in Seawater, NACE 2018, Phoenix, USA, 2018
- D. Thierry, Accelerated corrosion testing: An overview, 7th international seminar in the field of automotive corrosion, Detroit, USA, June 5-6, 2018
- F. Vucko, A. Le Gac, G. Ringot, N. Larché, D. Thierry, Hydrogen entry into titanium alloys exposed in seawater, proceedings SteelyHydrogen 2018, 29-31 May 2018, Ghent, Belgium
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- J. Kittel, M. Deffo Ayagou, C. Mendibide, C. Duret-Thual, E. Sutter, M. Tran, B. Tribollet, N. Ferrando, Impact of oxygen on corrosion and hydrogen permeation of unalloyed steel in presence of H₂S – Eurocorr 2017, Prague, Czech Republic, September 2017
- U. Kivisäkk, J. Eidhagen, N. Larché, S. Le Manchet, H. Marchebois: UNS S32707 Combined to UNS S31266; An Alternative to Titanium for Seawater-Cooled Heat Exchangers, NACE CORROSION 2017, New Orleans, USA, March 2017
- C. Leballeur, N. Larché and D. Thierry: Design and qualification of a new crevice assembly adapted for tube geometries, Stainless Steel World 2017, Maastricht, Netherlands, November 2017
- N. Larché, J. Eidhagen, S. Le Manchet, H. Marchebois, U. Kivisäkk, D. Thierry: Corrosion resistance of high-alloy stainless steels in seawater desalination – Heat exchangers, International Desalination Association Congress 2017, Sao Paulo, Brazil, October 2017
- N. Larché: High Alloy Stainless Steels for Seawater Heat Exchangers, Key Note Lecture for the Marine Corrosion Forum, Aberdeen, Scotland, April 2017
- N. Larché, P. Nice, C. H. Van Der Zwaag, T. Nesse, L. Scoppio, H. Amaya, Y. Matsuda, M. Fiocchi and D. Thierry: Further Assessment of the Corrosion Risk of Duplex Stainless Steel UNS S82551 in Treated Seawater Injection Service, Eurocorr 2017, Pragues, Czech Republic, September 2017
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- N. LeBozec, D. Thierry: Corrosion performance of coil coated steel: model buildings versus standardized panels, 11th International Conference on Zinc and Zinc Alloy Coated Steel Sheet, Tokyo, Japan November 2017
- D. Leyser, C. Duret-Thual, S. Leang, N. Desamais, V. Querez, D. Delafosse, Corrosion-Fatigue of Steels in Sour Environments: Effects of Strain on the Electrochemical Behavior– NACE CORROSION 2017, New Orleans, USA, March 2017
- P. Nice, N. Larché, L. Scoppio, H. Amaya, Y. Matsuda, M. Fiocchi: Evaluation of the Corrosion Risk of Duplex Stainless Steel UNS S82551 in Treated Seawater Injection Service, NACE CORROSION 2017, New Orleans, USA

- V. Querez, C. Liotard, C. Duret-Thual, L. Ke, C. Taravel-Condat, Measurements of H₂S consumption in the annulus of unbonded flexible pipelines – Eurocorr 2017, Prague, Czech Republic, September 2017
- F. Ruel, S. Le Manchet, S. Saedlou, C. Mendibide, K. Wolski, Effect of the Substitution of N by N and Mn in Lean Duplex Stainless Steels on SCC Assisted by H₂S – NACE CORROSION 2017, New Orleans, USA
- D. Thierry and N. Larché: Crevice corrosion of stainless steel in tropical seas, NACE CORROSION 2017, New Orleans, USA
- D. Thierry, E. Diler, F. Ledan and N. LeBozec: Corrosion Sensors to Monitor the Degradation of Hot-Dip Galvanised Steel and Painted Steel during Accelerated Corrosion Tests, Electrochemical society meeting, Washington, USA, 2017
- D. Thierry, F. Peltier and N. LeBozec : Accelerated corrosion testing: Can we transfer knowledge from the automotive to the aerospace industry, Key note lecture Eurocorr 2017, Prague, Czech Republic, September 2017
- D. Thierry, F. Vucko and A. Nazarov: Application of Scanning Kelvin Probe for in-situ studies of hydrogen permeation in steel, Key note lecture 11th International Conference on Zinc and Zinc Alloy Coated Steel Sheet, Tokyo, Japan November 2017
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