



24^{ème} REUNION DU CLUB COLD SPRAY / 24th COLD SPRAY CLUB MEETING
MINES ParisTech, PARIS, 9 Nov. 2018

1

09.00 a.m. [Accueil et introduction](#) / [Welcome and Introduction](#), [Vie du Club](#) / [Life of the Club](#), [Site Web](#) / [Website](#)

EXPOSES / TALKS:

" Fundamentals and recent advances in cold spray"

9.05 a.m. C. A. WIDENER (Guest Speaker), South Dakota School of Mines and Technology, Rapid City / USA
[Cold Spray Advancements and Sustainability](#)

9.30 a.m. A. ASTARITA, Univ. of Naples, Naples / Italy

[Cold Spray deposition on polymer matrix composite panels and magnetic assisted cold spray](#)

9.50 a.m. R. LUPOI, Trinity College, Dublin / Ireland

[Validation of numerical methods in Cold Spray by direct nozzle internal measurements of non-dilute particle motion](#)

10.10 a.m. G. MAUER, Forschungszentrum-Jülich GmbH, Jülich / Germany

[First attempts to process a nickel-titanium shape memory alloy by cold gas spraying](#)

10.30 a.m. M. GUAGLIANO, Politecnico di Milano, Impact Innovations GmbH/ Germany) Milano / Italy

[Cold spray for additive manufacturing of AISI 316 parts](#)

10.50 a.m. J. KONDAS, Impact Innovations GmbH, Rattenkirchen / Germany

[Recent developments on materials & material properties for AM applications](#)

" When laser shock processing meets cold spray"

11.00 a.m. M. HASSANI GANGARAJ(Guest Speaker), MIT, Boston/ USA

[Rebound-Bonding and Bonding-Erosion Transitions in Microparticle Impact](#)

11.25 a.m. M. BOUSTIE, P' Institute, Poitiers/ France

[Laser shock and cold spray](#)

" Cold spray in the French industry"

11.45 a.m. J.F. WECXTEEN, Auxel, Gondécourt / France

[AUXEL: Optimized Local Surface Treatment for Electrical Conductors](#)

12.00 a.m. V. PERIN, Kometa Technologies, Bayonne / France

[Cold spray development at KOMETA TECHNOLOGIES within the ADDIMADOUR platform](#)



24^{ème} REUNION DU CLUB COLD SPRAY / 24th COLD SPRAY CLUB MEETING
MINES ParisTech, PARIS, 9 Nov. 2018

2

VEILLE TECHNOLOGIQUE ET CONFERENCES / TECHNOLOGICAL WATCH AND EVENTS

12.15 p.m. M. DUCOS, M. JEANDIN and Club members

[Actualités et conférences](#) / [News and past and future events](#)

DEBAT DISCUSSION / OPEN FORUM

12.45 p.m. ALL

[On questions raised by Club members with special emphasis on powders issues with an introduction entitled "Bonding mechanisms in cold spray deposition of gas atomized and solution heat-treated Al 6061 powder" by T. HUSSAIN, University of Nottingham / U.K.](#)

13.15 p.m. [DEJEUNER/ LUNCH](#)

