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FOR IMMEDIATE RELEASE

PDES, Inc. Announces 2015 Brian K. Martin Technical Excellence Award Winners

Gaithersburg, MD – March 5, 2015

PDES, Inc. announces Frédéric Darré and Pierre Duchier, both employees of AIRBUS CIMPA, as the 2015 co-winners of the Bryan K. Martin Technical Excellence Award.

Mr. Darré and Mr. Duchier are both well-respected leaders and members of the LOTAR, CAX-IF, and AP242 teams.

Their specific accomplishments supporting the award criteria follow below:

Mr. Darré performed a comparison of ISO 10303 “STEP” AP242 and AP239 by mapping their entities, thus indicating inconsistencies and contributing to the harmonization project. He also significantly contributed to the White Paper for AP239 Edition 3 development. On the architectural basis of both APs, he supported the discussion and approach to develop a consistent architectural path.

Mr. Duchier worked with a group of individuals to produce quality output for the LOTAR Visualization team and was essential to the success of the team’s efforts. He drove the effort to assure that the necessary extensions for tessellated representation of solids, curves, and surfaces for 3D geometry as well as the associated tessellated PMI presentation was properly addressed in the applicable LOTAR parts.

Mr. Darré has been involved in the LOTAR PDM team from the beginning. He contributed significantly to the development of LOTAR Part 200, and is heavily involved in further development of Part 210. His deep knowledge of STEP methods and technologies provides the team with expertise, especially in developing the AP239 DEX as proposed by Part 210. He was also intimately involved in the AP242/ AP239 harmonization work, where he provided a series of detailed mappings indicating potential inconsistencies and possible resolutions. Mr. Darré was a co-author of the CAX-IF Recommended Practices for the AP242 Business Object Model XML. He also serves as the European co-leader of the LOTAR Meta Data Working Group and leads the PDM European Pilot project.



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Mr. Duchier's early involvement in the LOTAR project led to significant contributions in several key areas. His deep understanding of the STEP data models and schemas allow him to be a key contributor to not only the Visualization team but also the AP242 E2 Product Manufacturing Information (PMI) working group, the LOTAR 3D Mechanical & PMI team, and the LOTAR Electrical team. Mr. Duchier took the technical leadership for the extensions to two key LOTAR PMI parts to address the scope of a tessellated representation of entities within the scope of 3D explicit geometry (Part 110), and graphic presentation of PMI (Part 120). These efforts resulted in the timely production of final Edition 2 drafts ready for ballot on both important LOTAR parts.

The PDES, Inc. Executive Board established the Bryan K. Martin Technical Excellence Award in memory of Bryan K. Martin, whose exceptional record of strong leadership and tireless work helped to achieve PDES, Inc. goals. The Board presents this award annually to a PDES, Inc. member who has demonstrated superior technical contributions to the program.

PDES, Inc. is a member-based consortium focused on the development and implementation of model-based standards to support the digital enterprise. Founded in 1988, the organization includes members from Industry, Government and Academia. More information can be found at <http://pdesinc.org/>

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