FOR IMMEDIATE RELEASE

Dr. Hamsasew Sertse Joins Composite Simulation Software Firm AnalySwift

West Jordan, Utah (USA), May 1, 2018- AnalySwift, LLC, a provider of efficient high-fidelity modeling software for composites and other advanced materials, announced today that Dr. Hamsasew Sertse has joined the company in its research and engineering division. Dr. Sertse will be involved in research and development on AnalySwift's simulation software, including SwiftComp, a general-purpose multiscale modeling code.

"We are very pleased to bring Dr. Sertse on board with AnalySwift," said Allan Wood, president & CEO of AnalySwift. "He arrives with strong expertise in micromechanics, multiscale structural mechanics, and damage and failure analysis of composites, which are crucial areas for AnalySwift. Dr. Sertse's addition to AnalySwift strengthens the company and benefits the customers. In particular, his expertise will guide improvements to the code as well as help customers performing complex composite simulations."

Dr. Sertse received his PhD in Aeronautics and Astronautics Engineering from Purdue University in West Lafayette, Indiana. Dr. Sertse previously received his M.Sc. in Mechanical Engineering from both Syracuse University in Syracuse, New York, and Addis Ababa University in Addis Ababa, Ethiopia.

As a research assistant at Purdue University, Dr. Sertse previously analyzed micromechanics based initial/static failure prediction of composites, including particle-reinforced, woven and short fiber composites using various failure criteria including Tsia-Wu, Tsai-Hill, and maximum stress/strain. He extensively used finite element analysis (FEA) and AnalySwift's multiscale structural analysis code SwiftComp to solve problems related to failure and damage. Dr. Sertse also analyzed micromechanics based on progressive and fatigue damage analysis of composites using continuum damage mechanics approach. Additionally, Dr. Sertse looked into the effect of an imperfect interface on the predictions of elastic properties of composites. He also analyzed predictive capabilities and efficiency of various state of the art micromechanics approaches as part of the Micromechanics Simulation Challenge, hosted by Purdue University. Previously, Dr. Sertse served as a solution consultant intern at Dassault Systemes and a mechanical engineer in LobePro Rotary Pump Company.

About AnalySwift
AnalySwift, LLC is a provider of composite simulation software, which enables an unprecedented combination of efficiency and accuracy, including multiphysics structural and micromechanics modeling. Drawing on cutting edge university technology, AnalySwift's powerful solutions provide customers a competitive advantage through drastic reductions in engineering time, virtual testing earlier in the design process, and handling of more complex composite structures. Our technologies deliver the accuracy of detailed 3D FEA at the efficiency of simple engineering models, cutting analysis time by orders of magnitude. SwiftComp is licensed from Purdue Research Foundation. VABS is licensed from Utah State University, and Georgia Institute of Technology. AnalySwift is a member of the Institute for Advanced Composites Manufacturing Innovation (IACMI. Find out more at analyswift.com.

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