- [23] Lin, T. H., Watson, J. S., and Fisher, P. W., 1985, "Thermal conductivity of iron-titanium powders," Journal of Chemical & Engineering Data, 30(4), pp. 369-372.
- [24] Sih, S. S., and Barlow, J. W., 2004, "The prediction of the emissivity and thermal conductivity of powder beds," Particulate Science and Technology, 22, pp. 291-304.
- [25] Kolossov, S., Boillat, E., Glardon, R., Fischer, P., and Locher, M., 2004, "3D FE simulation for temperature evolution in the selective laser sintering process," International Journal of Machine Tools and Manufacture, 44(2-3), pp. 117-123.
- [26] Patil, R. B., and Yadava, V., 2007, "Finite element analysis of temperature distribution in single metallic powder layer during metal laser sintering," International Journal of Machine Tools and Manufacture, 47(7-8), pp. 1069-1080.
- [27] Tolochko, N. K., Arshinov, M. K., Gusarov, A. V., Titov, V. I., Laoui, T., and Froyen, L., 2003, "Mechanisms of selective laser sintering and heat transfer in Ti powder," Rapid Prototyping Journal, 9, pp. 314-326.
- [28] Sun, S., Zheng, L., Liu, Y., Liu, J., and Zhang, H., 2015, "Selective laser melting of Al-Fe-V-Si heat-resistant aluminum alloy powder: modeling and experiments," The International Journal of Advanced Manufacturing Technology, pp. 1-11.
- [29] Arafin, M., Medraj, M., Turner, D., and Bocher, P., 2007, "Transient liquid phase bonding of Inconel 718 and Inconel 625 with BNi-2: Modeling and experimental investigations," Materials Science and Engineering: A, 447(1), pp. 125-133.
- [30] Kamnis, S., Gu, S., and Zeoli, N., 2008, "Mathematical modelling of Inconel 718 particles in HVOF thermal spraying," Surface and Coatings Technology, 202(12), pp. 2715-2724.
- [31] Wang, L., Felicelli, S., Gooroochurn, Y., Wang, P. T., and Horstemeyer, M. F., 2008, "Optimization of the LENS process for steady molten pool size," Materials Science and Engineering A, 474, pp. 148-156.
- [32] Lundbäck, A., Alberg, H., and Henrikson, P., "Simulation and validation of TIG welding and post weld heat treatment of an Inconel 718 plate," Mathematical Modelling of Weld Phenomena 7, pp. 683-696.
- [33] Hussein, A., Hao, L., Yan, C., and Everson, R., 2013, "Finite element simulation of the temperature and stress fields in single layers built without-support in selective laser melting," Materials & Design, 52, pp. 638-647.
- [34] Price, S., Cheng, B., Lydon, J., Cooper, K., and Chou, K., 2014, "On Process Temperature in Powder-Bed Electron Beam Additive Manufacturing: Process Parameter Effects," Journal of Manufacturing Science and Engineering, 136(6), pp. 061019-061019.
- [35] Cheng, B., Gong, X., Xiaoqing, W., and Chou, K., 2014, "Thermal Analysis, Microstructural Characterization And Nanoindentation For Electron Beam Additive Manufacturing," ASME District F Early Career Technical Conference, Birmingham, AL, November 1-2, 2014.
- [36] Cheng, B., and Chou, K., 2014, "Thermal Stresses Associated with Part Overhang Geometry in Electron Beam Additive Manufacturing: Process Parameter Effects," 25th Annual International Solid Freeform Fabrication Symposium An Additive Manufacturing Conference, Austin, TX, USA, August 4-6, 2014.
- [37] Cheng, B., and Chou, K., 2013, "Melt Pool Geometry Simulations for Powder-Based Electron Beam Additive Manufacturing," 24th Annual International Solid Freeform Fabrication Symposium An Additive Manufacturing Conference, Austin, TX, USA, August 12-14, 2013.