

	<p>Book: Additive Manufacturing of Metals</p> <p>Authors: John O. Milewski</p> <p>Publisher: Springer</p> <p>Publication year: 2017</p> <p>This broad-audience book focuses on the technical aspects of the additive manufacturing for metals. It covers the fundamentals of the different techniques, energy sources, materials, molten pool metallurgy, heat transfer, etc. It brings a clear view of the different methods available for the conception, prototyping and production of 3D-printed metallic objects. It also provides hands-on advice on software sources, safety, workshop procedures and safety. The author has condensed in most key elements in a book that is readable without unnecessary science complexities. This approach has broadened the audience of the book to all of those interested in introducing and managing AM, technical people starting to be familiarized with the AM developments and for educational purposes. The references and appendix provide access to a wealth of references and open-source codes and guidelines to guide the reader in the quest of pros and cons of AM. The book is a realistic (no hype) description of AM metal structures. It is concise (less than 400 pages) while comprehensive. One key contribution of the book is introducing the language/terms of AM to familiarize those willing to think outside the box by AM means. One could wish that the notion of business ecosystem (cloud manufacturing, digital co-developments, supply chain, IoT, new value networks, etc) should have been included in more detail, but this is probably the subject of a separate (and equally important) book.</p>
<p>Some remarkable quotes.</p>	<ul style="list-style-type: none"> - “AM has developed at the intersection of IT and materials processing”. - “Metals and energy, harnessed by man’s dreams granted us the power to capture the present and create the future”.
<p>Lessons and inspiration.</p>	<p>The future is xxxknowx</p>