There are lots of experts showing you how to do high frequency magnetics design - from using only one formula to pages and pages of equations. Magnetics design is about turning some electrical requirement into a physical object that obeys the laws of electromagnetics. It also has to be manufacturable, meet changing safety standards, be reliable and low cost. Why does that transformer have a funny looking coil former? Why is that one wrapped with tape like a Christmas present? I don’t recall any mention of that. What else do you need to know in order to design, make or just specify a ‘magnetic’ component? This seminar covers a broad range of topics related to designing, specifying and building real magnetic components, not just samples in the lab. Learn the details that others left out.

Get background on the various types of core materials – their characteristics, strengths and weakness, explains all the terms, how to read datasheets and their best application. Learn about wire, winding, windings and the insulation used between them. Understand which international safety standards apply and how to implement them. Finishes with design for manufacturing - why it’s important and what’s involved.