Course Conductors:

Metin Celik, PTI Inc., USA

Metin Celik is the Founder and President of PTI Inc. and a part-time faculty of the Eastern Mediterranean University in Cyprus. He received his BSc (Hons), Pharmacy from Hacettepe University, Turkey and PhD, Pharm Tech from Leicester Polytechnic, UK. He then worked at Sandoz before joining Smith Kline & French Lab and established a state-of-the-art Compaction Simulator System. He later established a second unit at Rutgers, the first in US academia and built an internationally recognized compaction research centre. Dr Celik has organized over 50 national and international symposia and short courses, and has edited a book on Powder Compaction Technology. He has also published numerous book chapters, and articles relating to pharmaceutical formulation and processing issues, and made over 250 presentations (mostly invited) at the industry, academia, and national and international meetings. Dr Celik has acted as consultant to the FDA and to over fifty pharmaceutical, nutraceutical, excipient, and equipment companies as well as law firms worldwide.

Paul Heng, National University of Singapore

Paul Heng has a degree in Pharmacy and a PhD degree in pharmaceutical technology from NUS. He is currently teaching at the NUS and is the Principal Investigator of GEA-NUS Pharmaceutical Processing Research Laboratory. His research interest is in pharmaceutical technologies, with focus on encapsulation, specialized delivery systems, particle characterization, compaction and oral solids processing. He has published over 260 international refereed research articles and several book chapters among others. He is the editor-in-chief of the Asian J Pharm Sci and member of several other editorial boards.

Theory:
- Excipient selection based on SUPAC and QbD approaches
- Feed material requirements for tablet formation
- The compaction cycle and importance of dwell time
- Risk analysis and design space determination for compaction
- Common tableting problems – cause and solution
- Managing tablet press effectiveness
- Continuous tablet production
- Tablet evaluation

Practice:
- Understanding compaction – tablet feed
- Rotary compaction of tablets
- Understanding tooling and air compensator
- Evaluation of tablet properties
- Preparation of mini-tabs, MUPS tablets
- Use of compaction simulator
- Capping and sticking issues

I hear and I forget. I see and I remember. I do and I understand. Chinese Proverb

Please note: Information provided is only a guide. Workshop contents may be modified due to unforeseen circumstances.

***SPECIAL OFFER***
A complimentary signed copy of Dr Celik’s book, “Pharmaceutical Powder Compaction Technology” will be given to all registered before 1 April 2018.

FOR MORE DETAILS & REGISTRATION:
www.geanus.nus.edu.sg