

Simulacron-3	22:30	01:00	Day: 1	Track: Hardware & Making	en
Chef: 2433	Lindworm: 5463	Emergency: 112	Security: 110	Heaven: 1023	Speakers Desk: 1020
Translation (check if available): 8012		Technical Coordinator: 1621			

Title: **3D Printing High-Quality Low-Cost Free Medical Hardware**

Subtitle: Making medical devices accessible and hackable for all

Speaker: **Tarek Loubani**

Short: Despite the dramatic falls in costs of production, medical devices have remained prohibitively expensive for all but the richest countries and physicians. Using 3D printing, rapid prototyping and Free hardware licenses, we have been developing and releasing off-patent medical devices that perform as well as the gold standard for a fraction of the cost. In this lecture, we discuss the history and scope of the problem, our progress to date and how attendees can participate and make their own medical devices.