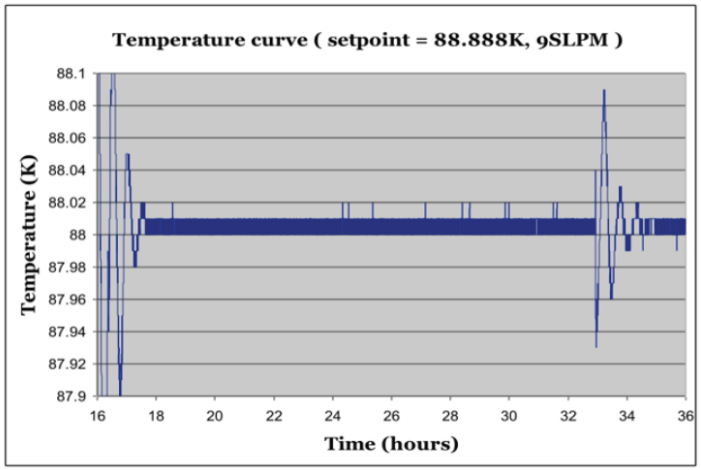
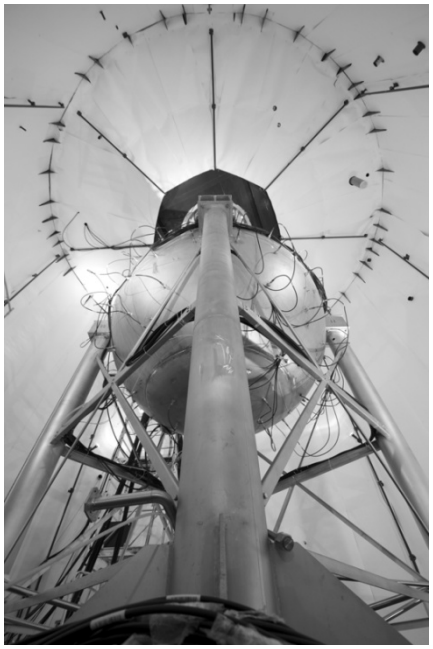
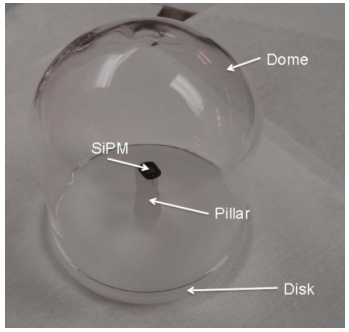
# Darkside relevant research

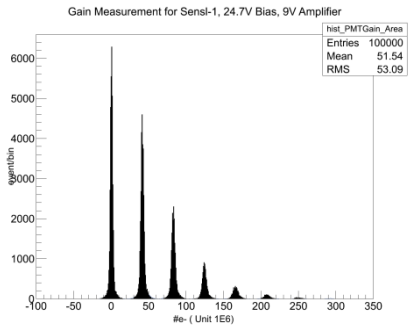



➢Proof of Principle Test of LN2 cooling system （Mengyun@UCLA）

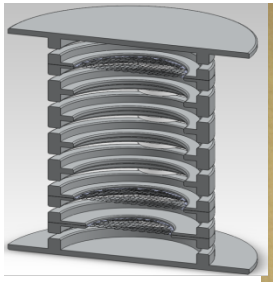


➢High reflectivity Tyvek film ( IHEP )



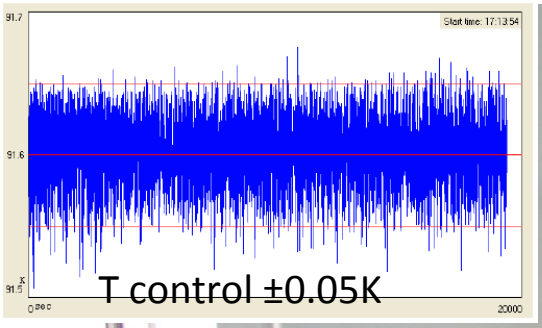

Ultra-low background photo sensor R&D (Yi@UCLA) SiGHT(Silicon Geiger Hybrid Tube)

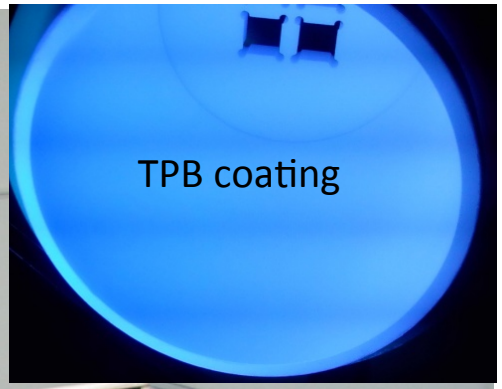


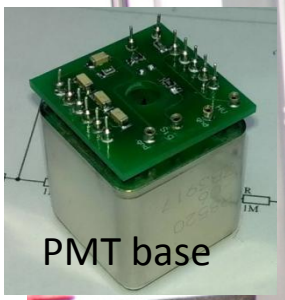
➢Argon purity online monitor (Yi@UCLA)

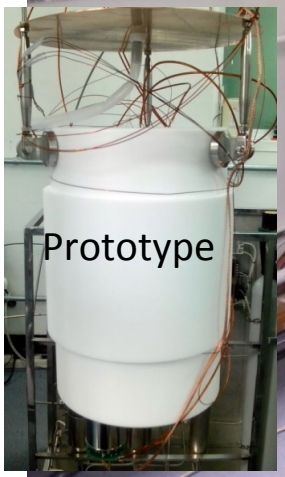
➢Besides, IHEP team is interested in the production of depleted argon in China.

# R&D works @ IHEP



# IHEP team members

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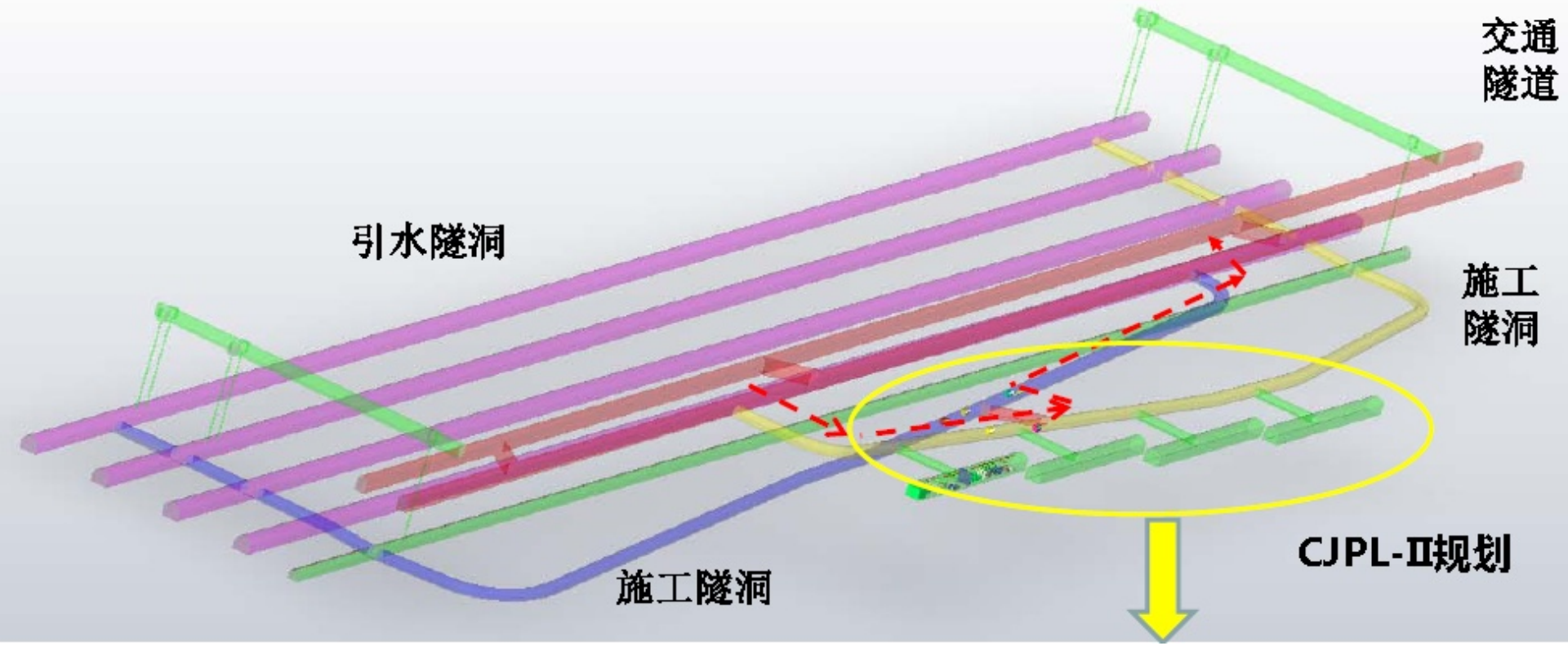
**Weili Zhong**

**Mengyun Guan**

# 中国锦屏地下实验室（CJPL-II）进展




四个12m*12m*150m空间，10万$m^3$，2015年底建成。

目前地下实验空间需求包括了CDEX-1T、PandaX吨级，高能所液氙实验，原子能院核天体物理实验等四个实验