

January 2025 LILUG Meeting

January 14th, 2025 @ [Digital Ballpark](#) Pace-notes by [Chris Trimble] (<https://github.com/Trimble-tech>)

News Topics & Small-Talk

- AI generated videos (Gordon)
- [NVIDIA DIGITS AI Workstation](#)

Main Discussion: Wearable ECG Earphones, Presented by Authoy & Mohammad

- Authoy, Ryan, and Mohammad founded incubating startup called [Niura](#)
- Earbuds/earphones read electro-cardiogram signals from brain waves
- Uses conductive rubber ear tips (5Ω resistance)
- pending FDA clearance
- app reads data and gears findings toward productivity; sleep in works.
- Minimum Viable Product stage: preorders in progress, possible Samsung partnership
- Uses concepts from [OpenBCI](#): an open-source brain-computer interface
- Considering [Nyquist Sampling Theorem](#) for model development and data aggregation -Based on [Amazon AWS Amplify](#)

Niura.io Contact Info (Available Publically)

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Future Meeting Considerations

- John may speak next month on commercial 3d printing
- Autonomous drones may be another topic for future