# DPRG RBNV Summary - Jan 14, 2025

- The meeting began with **DPRG news and updates**. **Paul Bouchier** announced a theater event for the upcoming Sunday, January 19th, at 4 p.m. in Fair Park, with tickets costing $25, including parking. A link to the ticketing website was shared: https://www.ticketdfw.com/event/welcome-mat-2-people-0#venue.
- The **Roboama indoor contest** is scheduled for May 24th, with a possible practice session the month before. The monthly meeting was set for January 25th at 10:15 central time.
- **Paul Bouchier** then discussed his **MiniBot project**, a small two-wheeled robot using Lino robot and ROSS 2. He shared links to the Lino robot software and hardware documentation: https://github.com/linorobot/linorobot2?tab=readme-ov-file.
- **Tom C - Hamilton, ON**, presented his work on a **cone object detector**, explaining his use of a FOMO model within the Edge Impulse framework. He is also looking at higher-performing MCUs like the Seed Studio Grove Vision AI module.
- **Iron Rain**, a high school robotics team, provided an update on their progress in the **FIRST Tech Challenge (FTC)**. They discussed their robot's design, the challenges they faced, and their plans for a new robot with a swerve drive and specialized intake mechanisms, including the **"sampler"** and **"Specimen Miner"**. They are preparing for their league tournament on February 1st and the regional tournament on February 15th.
- **Mike Williamson** discussed his **theater robots** and the immersive theater event he is involved in. He described the setup, which included robots interacting with actors and audience, projections, music, and meditation periods. He also mentioned **soccer ball robots**. Tickets are available online or at the door, and parking is free in the gate 3 parking lot.
- **Sol Sanoja** shared a link to the First in Texas YouTube channel: https://www.youtube.com/@FIRSTinTexas/streams.
- **Ponder SomeMore** shared a link to the NTX FTC YouTube channel: https://www.youtube.com/@ntxftc.
- The meeting concluded with an **open mic** session where **Paul Bouchier** asked about whether PLA shrinks or expands during 3D printing.