1. **Abstract**
2. **Motivation & Background**
    1. **General Motivation**
        1. **General Description of the topic**
            - Why camera automation?
                - frequent repetition of scene takes
                - high demand for practice depending on camera model
                - relatively gross motor skills of human hand
            - Focus of our work on Follow Focus
        2. **State of the Art in Follow Focus**
            1. **Hardware**
            - Andra Motion Focus
            - Lenzhound
            - Soffer Follow Focus
            - DIY Remote Follow Focus
            2. **Resulting Problems**
            - Expensive
            - Not all desired functionalities available
            - hardware-heavy
    2. **Background**
        1. **Vision**
            - One mobile DIY system that does it all
        2. **Current LMU Projects**
            - Development of a remote controlled camera slider (thesis)
            - Take over strategies and their effect on control and recording of automated camera tracking shots (thesis)
3. **Solution**
    1. **Our Follow Focus Approach**
        - Based on the ideas of DIY FF and Soffer FF combined with app functionality
        - BTLE
        - Arduino
        - AccelStepper
    2. **Method**
        1. **Electrical Engineering**
            1. **Challenges**
                - Stepper Motor vs Servo
                - AccelStepper
                - Arduino Mega vs. Arduino Nano
            2. **Our solution**
                - Arduino Code / Explanation
        2. **Case Modeling**
            1. **Challenges**
                - Material (3D Printing vs Lasercutting)
                - Size optimization
            2. **Our solution**
                - Photos / 3D Models / Description
        3. **App**
            1. **Challenges**
                - Functionalities
                - UI
                - Compatibility
            2. **Our solution**
                - Code Examples
                - Screenshots
4. **Discussion & Next Steps**
    - Integration into Slider system
    - Discussion on goals
5. **(Conclusion)**
    - Might fit into Discussion