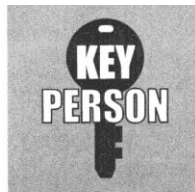


Process equipment display room  
(Design and fabrication of CMOS IC using equipment made-in-house)

研究評価のパラメーターは  
“研究成果 ÷ 研究費用”



東北大学教授 (未来科学技術共同研究センター)  
**江刺正喜氏**

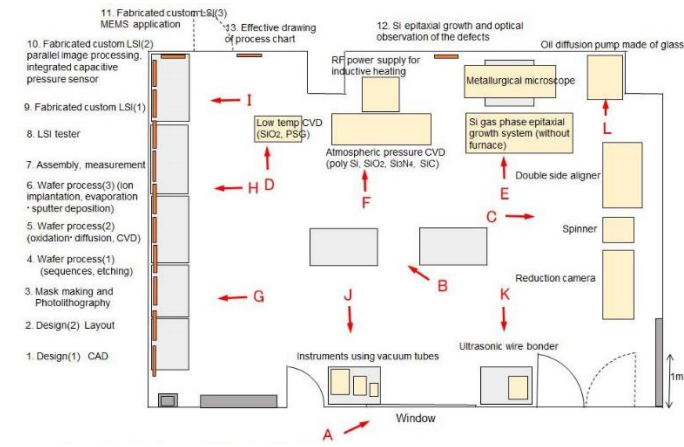


創造性を発揮させるコラボレーション  
組織の活力はあらゆる管理・運営から生まれる



Evaluation should be made based on  
the achievement/cost

Collaboration for putting out creativity  
- vitality of organization comes from flexible management -



A. Process equipment display room through window



B. Panel (equipment made-in-house etc.)



C. Double side aligner, spinner, reduction camera)



D. Low temp CVD(SiO<sub>2</sub>, PSG)



E. Glass pipe for Si vapor phase epitaxial growth and metal microscope (backside)



F. Atmospheric pressure CVD (poly Si, Si<sub>3</sub>N<sub>4</sub>, SiO<sub>2</sub>) and RF power source for heating (backside)



G. Design, mask fabrication



H. Wafer process, assembly



I. Test, fabricated LSI



J. Instruments using vacuum tubes



K. Ultrasonic wire bonder



L. Oil diffusion pump made of glass