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Vita

Scott Gallimore was born in Sacramento, California, May 14, 1975. His family traveled to Germany, Colorado and eventually Northern Virginia. Scott graduated from Lake Braddock Secondary School in 1993, with honors, and attended Virginia Tech in the fall of that same year. He had several internships between semesters; working for a local organization as a tennis instructor, an AutoCAD engineer for American Systems Corporation and an engineering assistant for General Motors. Scott earned his B.S. degree in Mechanical Engineering during the spring of 1997. He graduated magna cum laude.

Currently, he has just finished his M.S. degree and will graduate in August of 1998, summa cum laude. Scott plans on obtaining his Ph.D., also in Mechanical Engineering. Scott will attend Virginia Tech in the fall of 1998 as a Cunningham Fellow, continuing the work of his master's project.

Appendix: A

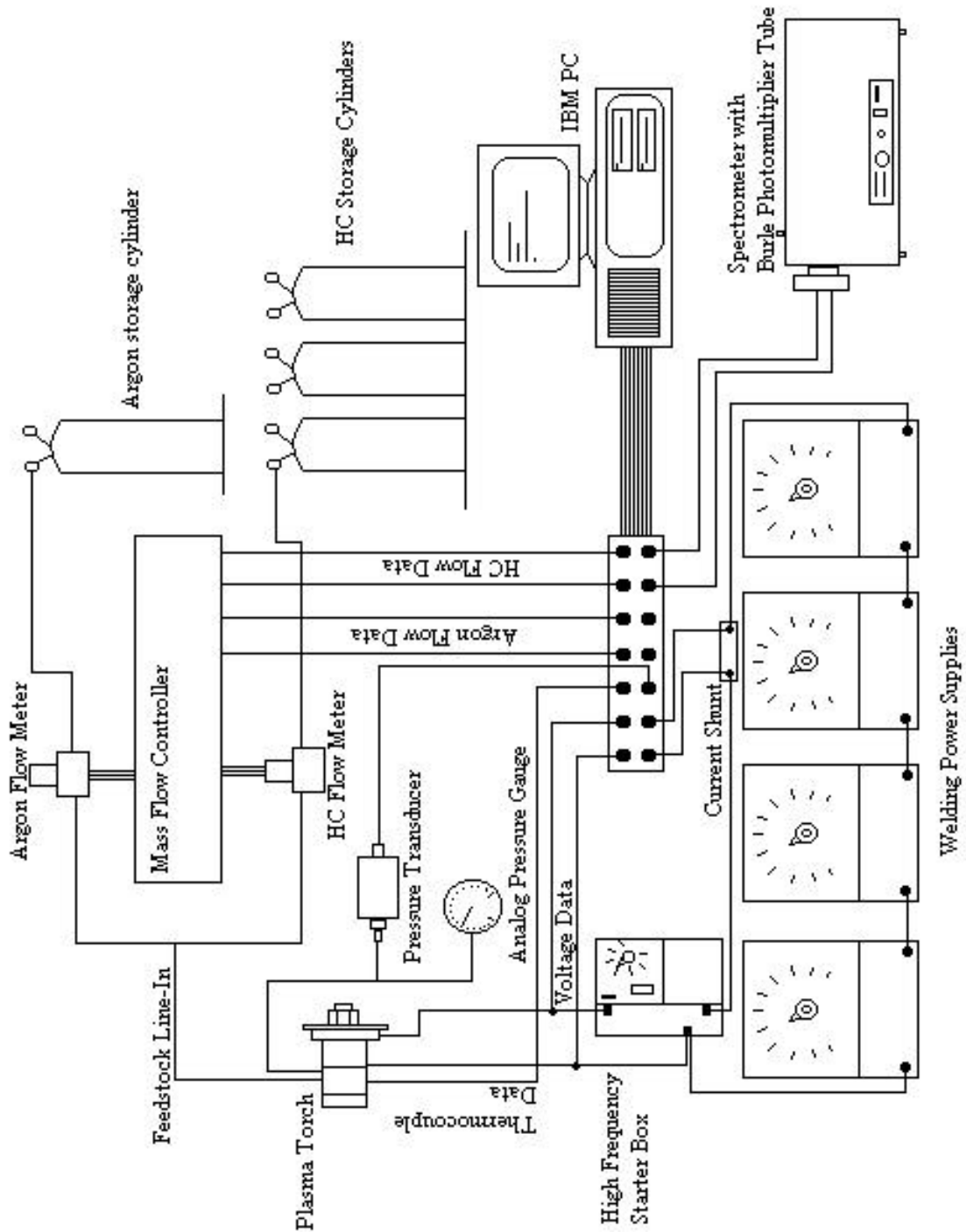


Figure A.1: Schematic Diagram of Lab Setup