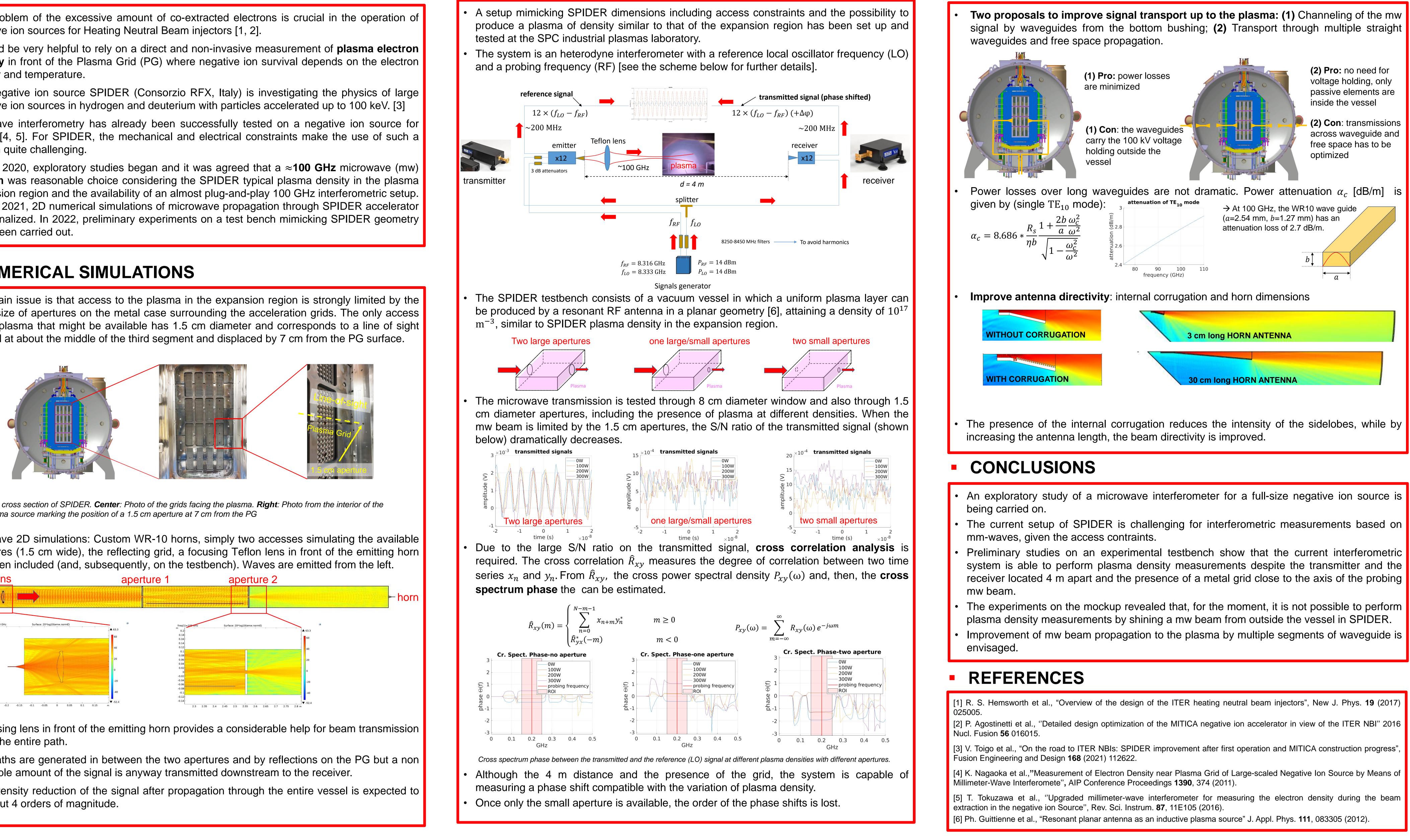
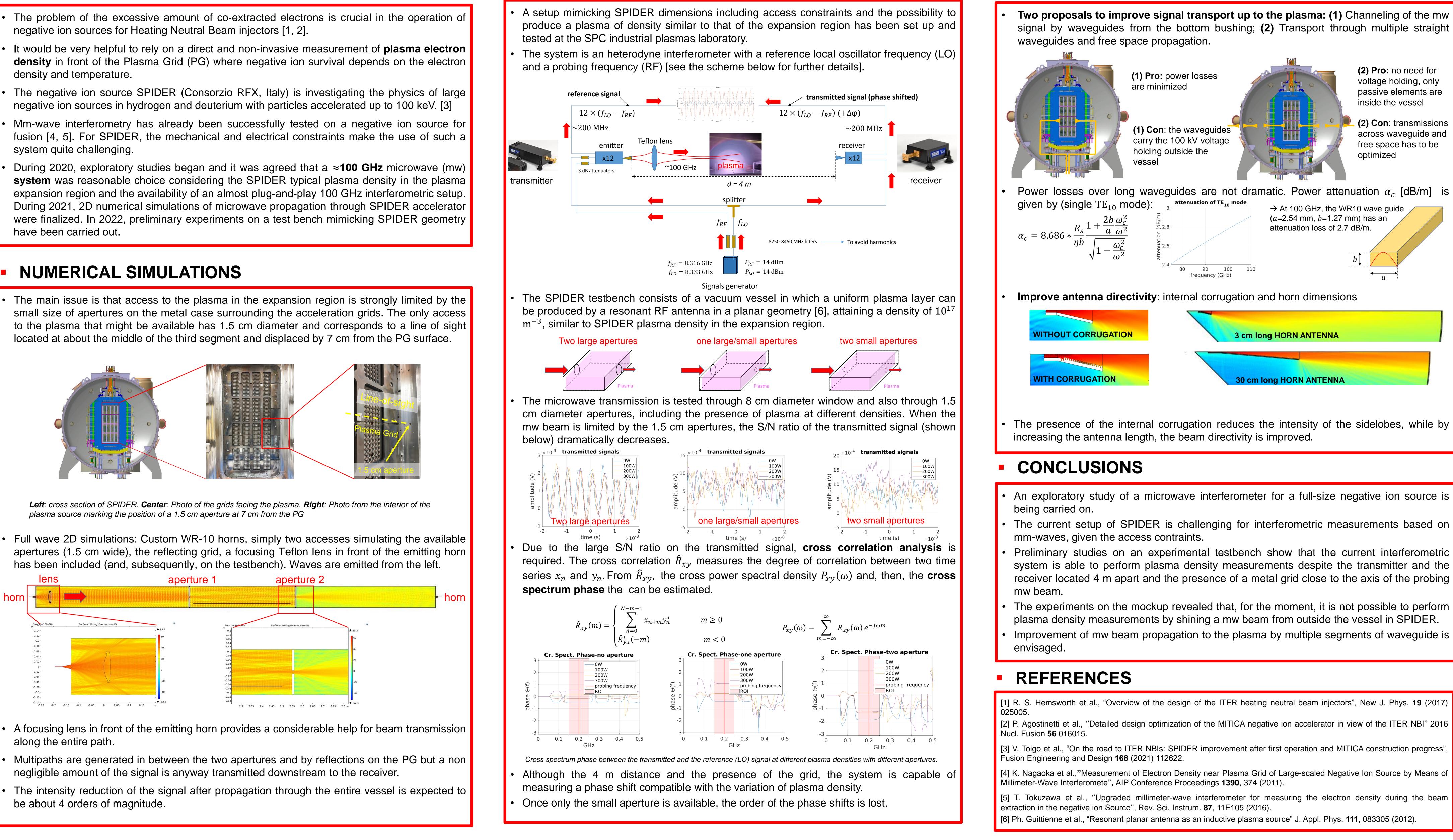


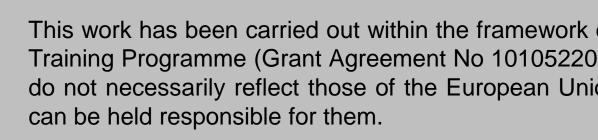
Numerical and experimental investigations of a microwave interferometer for the negative ion source SPIDER

INTRODUCTION

- negative ion sources for Heating Neutral Beam injectors [1, 2].
- density and temperature.
- system quite challenging.
- have been carried out.







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EXPERIMENTS ON A TESTBENCH

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PROPOSALS FOR SYSTEM IMPROVEMENT