











Poster for  $q=2, 1, 1, 1, 1$

$q$	$\alpha$	$\beta$	$\gamma$	$\delta$	$\epsilon$
2	0.1	0.2	0.3	0.4	0.5
1	0.1	0.2	0.3	0.4	0.5
1	0.1	0.2	0.3	0.4	0.5
1	0.1	0.2	0.3	0.4	0.5
1	0.1	0.2	0.3	0.4	0.5

Graph showing a curve with a peak and a dip.

Poster with a large diagram or image.

### Stabilization of High Density Atomic Hydrogen in Solid H<sub>2</sub> matrix below 1K

S. Väthén, J. Ahokas, O. Saario and J. Järvinen  
Department of Physics, University of Turku, 20014 Turku, Finland

**Introduction**

Experimental setup

Characterization

Results and discussion

Conclusions

References

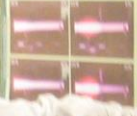
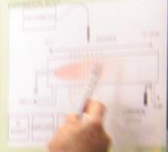
Poster with a large diagram or image.

# OPTICAL EMISSION SPECTROSCOPY OF INDUCTIVELY COUPLED RF HYDROGEN PLASMA

Zohra Khatun, Nikita Kishor, Siddhanta Misra  
Institute of Physics, University of West of England, Bristol, UK

## ABSTRACT

In this paper, we report the results of our study on the optical emission spectra of inductively coupled RF hydrogen plasma. The plasma is generated in a glass tube of length 1.5 m and diameter 2.5 cm. The plasma is excited by a 13.56 MHz RF power source. The emission spectra are recorded using a grating monochromator and a photomultiplier tube. The results show that the emission spectra of the plasma are highly sensitive to the RF power and the gas flow rate. The emission spectra are used to study the plasma parameters such as the electron density and the electron temperature.



## CONCLUSIONS

The results of this study show that the optical emission spectra of the inductively coupled RF hydrogen plasma are highly sensitive to the RF power and the gas flow rate. The emission spectra are used to study the plasma parameters such as the electron density and the electron temperature.

Man in a striped short-sleeved shirt and blue jeans, holding a blue folder labeled "INDEX OF ABSTRACTS".

Man in a white polo shirt and light-colored trousers, pointing at the poster.

Man sitting on a black leather sofa in the background, looking down at something in his hands.





















TOILETTE

NACIONAL













































www.tbiomed.com

WATER  
out of everything!



