

Vacuum Technology Seminar

FREE SEMINAR AND REFRESHMENTS

THE OBJECTIVES

- Review of vacuum theory and calculations for building a vacuum system, designed to perform at specified pressure levels.
- Introduce the recent Varian solution and product developments.

NOTES

- Informal, to allow for questions & answers.
- Lecture Hours: from 09.00 a.m. to 14.00.
- Varian Vacuum Products Exhibition/Demo and Refreshments will follow.

CONTENTS

- HV/UHV Introduction
- System Pressure
- Total Gas Load
- System Pumping Speed
- Varian new products demo:
 - Scroll Pumps
 - Turbo Pumps
 - Leak Detectors

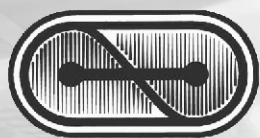
LOCATION:

M Hotel d.o.o.
Derčeva 4
1000 Ljubljana, Slovenia

DATE:

November 6th, 2007

In collaboration with:



MEREL

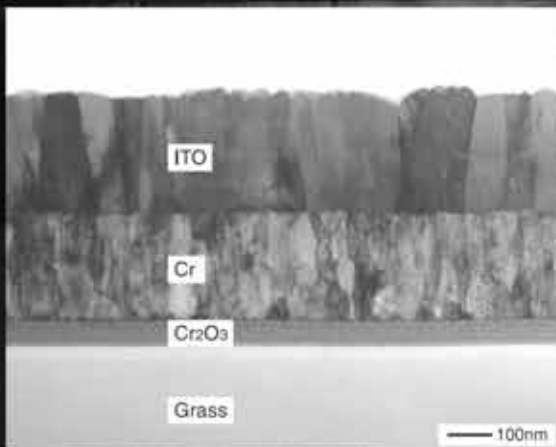
www.merel.si



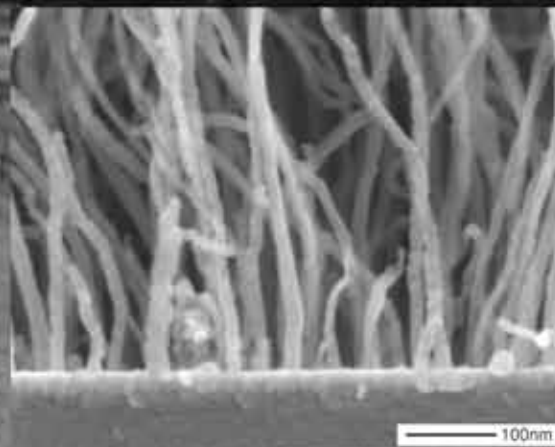
VARIAN

For more information please contact: Ms. Tanja Mlakar - Tel. 02 229 73 92

JEOL Energy-filter high resolution FESEM



Cross section of glass base for liquid crystal display



Carbon Nanotube



Model JSM-7401F

SCAN d.o.o. Preddvor

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Dr. NoVac wants to sabotage the Turbostar Medal award ceremony. You've been nominated, and he wants to ruin your reputation as a vacuum hero. Be on your guard, Captain Vacuum.

... for his remarkable contributions in securing and stabilizing intergalactic vacuum at turbo-fast speed. Nominated for the Turbostar Medal in the 3 innovation categories of ...

... fastest measuring speed ...



... cleanest vacuum ...



... and fastest pumping speed ...



... and the winner is: Captain Vacuum with his innovations.

Arggh!!
He always wins!
But I want the fame!

Pffff ... I'll just use my
aero-transmitter tube here –
that will put an end to his
vacuum dreams!

Full of hot air –
that's what you are!
You don't stand a chance against my
3 vacuum perfectors!

There's only one super-hero
who can do it that fast, that
clean and that reliably:
Captain Vacuum rescues
quality vacuum right down to
absolute nothingness –
and Dr. NoVac was sucked
away right into oblivion!

TO BE CONTINUED ...

Leading innovations. Too fast to be copied.

Turbo-fast: PrismaPlus, the reliable mass spectrometer for gas analysis and leak detection. Offering fast measurement speed and simple systems integration.

Turbo-clean: XtraDry for dry vacuum that's free of hydrocarbons and particulate matter, with no gas backflow.

Turbo-powerful: HiMag, the high-power, magnetically levitated pump with integrated drive electronics. For universal application, without any costly and cumbersome cabling.

Pfeiffer Vacuum stands for reliable high-tech products and innovative solutions for your applications and your success – Our vacuum technology developments always keep us a nose ahead.

The ingenious solution for your organization:
www.pfeiffer-vacuum.net

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