

THE JOURNAL OF CHEMICAL PHYSICS

PUBLISHED BY THE
AMERICAN INSTITUTE OF PHYSICS

J. C. LIGHT
EDITOR
D. H. LEVY
ASSOCIATE EDITOR

14 Apr 1988

DEPARTMENT OF CHEMISTRY
5735 S. ELLIS AVENUE
UNIVERSITY OF CHICAGO
CHICAGO, ILLINOIS 60637

FILE NO. A8.03.125

TITLE: keV Ar-ion-induced neutral atom desorption
from Rh(331): Relation of angular distri-
butions to surface structure

AUTHOR(S): C.T. Reimann, K. Walzl, M. El-Maazawi,
D.M. Deaven, B.J. Garrison, and N. Winograd

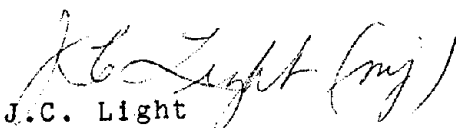
Professor Barbara J. Garrison
Department of Chemistry
Pennsylvania State University
152 Davey Laboratory
University Park, PA 16802

Dear Barbara:

I have just received your manuscript from the referee
to whom it was sent for review. I am enclosing a copy of
his comments.

When you return your revised manuscript to us it will
be accepted for publication in the Journal of Chemical
Physics.

Sincerely yours,


J.C. Light
D.H. Levy

JCL:jtm
enclosures

Referee Report, Journal of Chemical Physics

Recommendation and comments should be sent within 1 EN DA
to JOURNAL OF CHEMICAL PHYSICS Department of Chemist
University of Chicago, 5735 S. Ellis, Chicago, IL 60637.

File No. A8.03.125

Date: Mar 17 1988

TITLE: keV Ar-ion-induced neutral atom desorption
from Rh(331): Relation of angular distri-
butions to surface structure

AUTHOR(S): C.T. Reimann, K. Walzl, M. El-Maazawi,
D.M. Deaven, B.J. Garrison, and N. Winograd

SUBMITTED AS: ARTICLE

TO REFEREE: We would be pleased if you would review the enclosed manuscript for us. Please comment on whether the manuscript figures, tables, and equations are: scientifically correct, significant, and appropriate for the Journal of Chemical Physics; concise and complete; and properly prepared for publication.

Comments:

Paper should be published.

Minor comments:

- 1) The date for reference 8 is 1983, not 1980.
- 2) Though probably not appropriate for a short article, it might be nice if they gave a more quantitative measure of the damage done during the course of the experiments. They could say what the ion fluence was, and the time needed to record a spectrum.
- 3) It would be interesting to see how calculations utilizing the effective medium theory compares with potentials derived from pairwise additive interactions. However, this is apparently covered in reference 14, which has not yet been published.

RECOMMENDATION:

Keep bottom copy for your files. If you use another sheet for your comments please enclose an extra *unsigned* copy for our use.

Referred to:

APR 07 1988

AUTHOR COPY