

**Industrial Nucleonics and AccuRay's founders, staff and others have created articles for national publications and government contracts, about AccuRay products, process applications, research and history.**

**1950s**

[Nucleonics Views 1952, Newsletters to IN's customers](#)

[THE OHIO JOURNAL OF SCIENCE May, 1952, "RADIOACTIVE METHODS OF ANALYSIS" by G. D. CALKINS](#)

[Business Week June 1952, Quality Control by Nuclear Eye ... Ups Coated Abrasives Output](#)

[Steel Magazine June 1952, "Nuclear Gaging Controls Abrasive Coating Thickness"](#)

[Paper Mill News Oct 1952, "Manning Uses Nuclear Energy to Improve Plant Production"](#)

[Radio-Electronic Engineering April 1953, "Beta Radiation Gauging Methods" by George Foster](#)

[Society for Nondestructive Testing Nov. 1957, "Industrial Nucleonic Gaging" by J. E. Reider](#)

**1960s**

[Symposium for Radioactive Testing Nov. 1960 "Radioactive Methods for Testing Coated Fabrics" by George B. Foster and Henry R. Chope](#)

[Paper Mill News Oct. 1961, "Basis Weight Control" by Dave Bossen](#)

[Society of Petroleum Engineers 1961 "AccuRay Measurement and Control of Sand Concentration During Fracturing During Fracturing Jobs At Producers Chemical Company" by Leon R. Cort and Charles O. Badgett](#)

Marshall Space Flight Center 1964, "Cryogenic Quality Meter" by William Joyce, Howard Evans, William Clore and Charles Badgett

AEC August 1966, "AEC Contract for Helicopter Close-order Formation Keeping System" by Linus K. Hahn, Charles E. Kraus and Orval L. Utt

Iron and Steel Engineer Feb. 1967 "Progress Report - Radioisotope Thickness Measurement Systems and Techniques" by James L. Griffith

NASA April 1967, 'High energy radiation methods for measuring liquid oxygen and liquid hydrogen mass in propellant tanks of orbiting spacecraft" by Federal Systems Division

Pulp & Paper Magazine "Metrology Papers" by George Doering Dec. 1967, John DeWitt Jan. 1968, E. Fenton and Orval Cummins Feb. 1968, Don Danison Mar. 1968, & David Spitz July 1968

## 1970s

IFAC Proceedings May 1971 "A Multilevel Paper Machine Control System" by John E. Eickelberg & William L. Adams

Environmental Protection Agency 1972 [unclassified document], "Development of a Nucleonic Particulate Emission Gauge" 1972 by Charles E. Duke and Boong Y Cho

CDC and National Institute of Occupational Safety and Health [NIOSH] 1972 "Laboratory Coal-Mine-Dust Incombustibles Meter", by R. S. Lorenz & H. A. Kurstedt

Controls and Instrumentation Sept. 1975, "Boosting Plant Efficiency Through Instrumentation" by John E. McCaughan

1980s

Conference on Instrumentation and Automation in the Paper, Rubber, Plastics, and Polymerization Industries Oct. 1983, "Control algorithms for cross-directional control" by R. G. Wilhelm Jr. and M. Fjeld

Southern Pulp & Paper May 1985, "Cross Machine Control: Where Are The Benefits?" by Andrew S. Bukovinsky

IFAC Conference on Instrumentation and Automation in the Paper, Rubber, Plastics and Polymerization Industries October 1986, "Adaptive Profile Control for Sheetmaking Processes" by S.C.Chen, R.M. Snyder and R.G. Wilhelm Jr.

PIMA 8/1988 and The Fadum Report Vol. 8, No. 10, Oct. 1988, "4-Steps to BW Measurement & Control" by Jack Dukes

Materials Evaluation Oct. 1989, "Early Development of Process Automation with Nucleonic Measurement Gages" This article by Rennee S. Davis for "Material Evaluation", covers IN's history from 1950 to 1989

2000

TAPPI Conference April 2015, "Paper Quality Measurement Past, Present and Future" by Ake Hellstrom

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Newspaper and Magazine Articles about IN/AccuRay beginnings in the 1950s

Newspaper Articles about IN/AccuRay from 1951 to 2002