

## Friday, April 27

### Product Development and Research

Chair: John Clemence, Ocean Beauty Seafoods, Inc.

An integrated approach to recovery and utilization of Louisiana crawfish processing wastes

Samuel P. Meyers, Louisiana State University, Baton Rouge, Louisiana

Product recovery from surimi washwater

Leo D. Pedersen, National Food Processors Association, Dublin, California

Composting fish by-products: Solutions for the '90s

William F. Brinton, Jr., Woods End Laboratory Inc., Mt. Vernon, Maine

Seafood flavorants produced by enzymatic hydrolysis

Thaddee IN, ISNARD Lyraz, Queven, France

### Other Papers

Chair: Chuck Crepe, University of Alaska

Hydrolysis and fermentation of fishery by-products for feeds and fertilizers:

Costs and benefits of some processing variables

Susan Goldhor, Robert Curren, Robert Levin and Oddvar Solstad, Goldhor and Associates, Inc., Cambridge, Massachusetts; and David Nichols, McCombs Frank Roos Associates, Inc., Minneapolis, Minnesota

Biological fish meal: Bio-Proteus' approach to fish-waste utilization

Enrique V. Bertullo, John F. Bingaman, and Donald G. Snyder, Bio-Proteus Corporation, Reading, Pennsylvania

Observed uses of seafood by-products on U.S. agricultural crops

Bruce Wyatt, University of California, Santa Rosa, California

The effect of feeding redfish oil or redfish meal on the Omega-3 fatty acid content of broiler chickens

H.W. Hulan, Memorial University of Newfoundland, St. John's, Newfoundland, Canada and R.G. Ackman, Technical University of Nova Scotia, Halifax, Nova Scotia, Canada

Bio Fish Flour

Yasuzo Uchida, University of Tokyo, Tokyo, Japan

### Conclusion

Chair: R.K. Dearborn, University of Alaska

Future of the resource in Alaska's offshore waters

Alec W. Brindle, Wards Cove Packing Company, Seattle, Washington

Trends for the future

John Kilpatrick, TROUW International BV, Vancouver, British Columbia, Canada

## Saturday, April 28

All day field trip to Icicle Seafoods, Inc. Seward by-product processing plant, Seward, Alaska.

January 26, 1990