



Visit Our Booth, Level 5

ICAO

Solutions Oriented Work Shop

September 12, 2011

Scott Palm
President
Crane Micro-Optic Solutions

Crane Micro-Optic Solutions

Part of Crane Currency

MOTION[™] for Bank Notes

New designs and structures for ID

Introduced to ICAO New Technology Working Group

June 2011

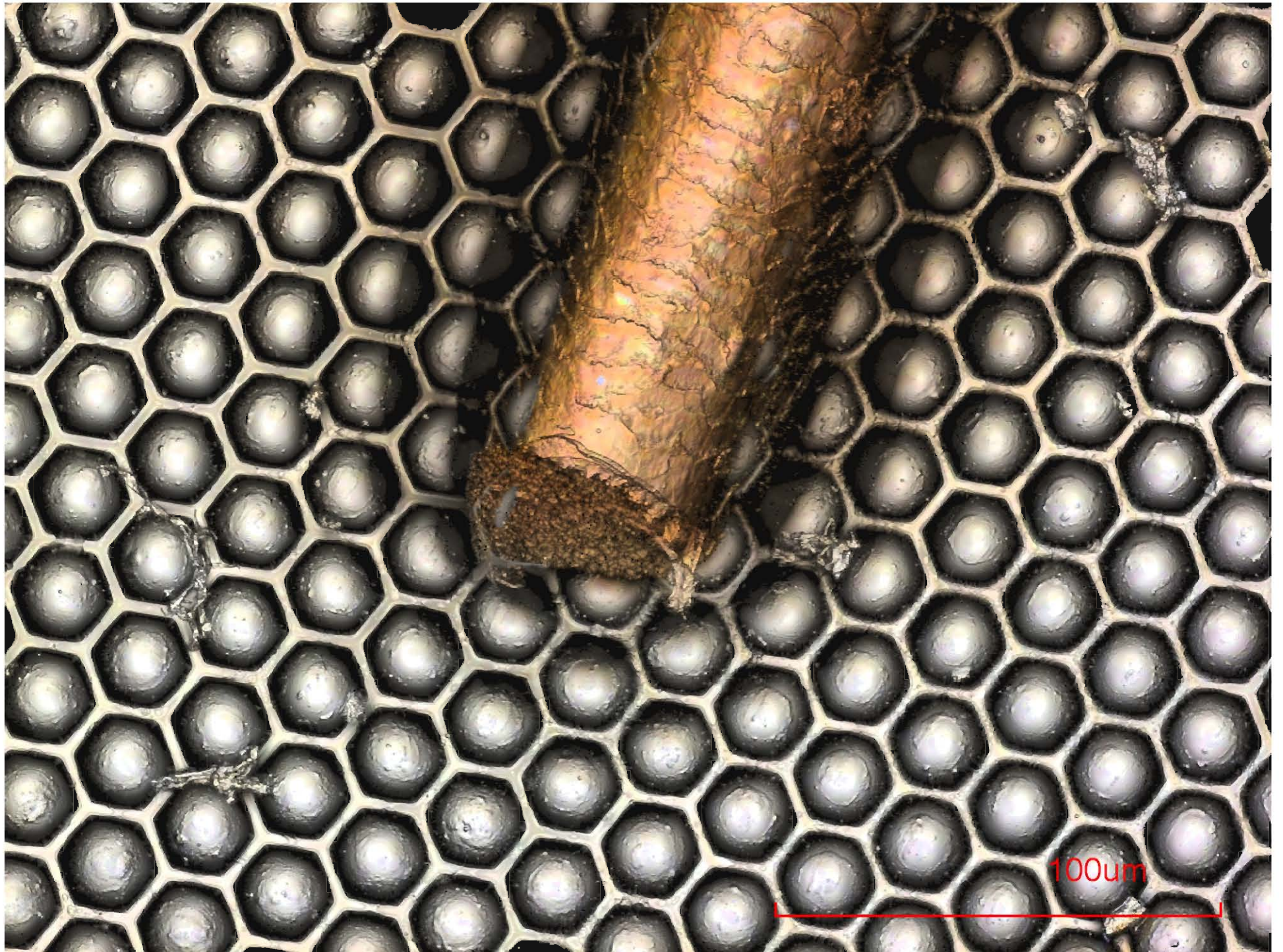


Motion[®] is a Micro-Optic System

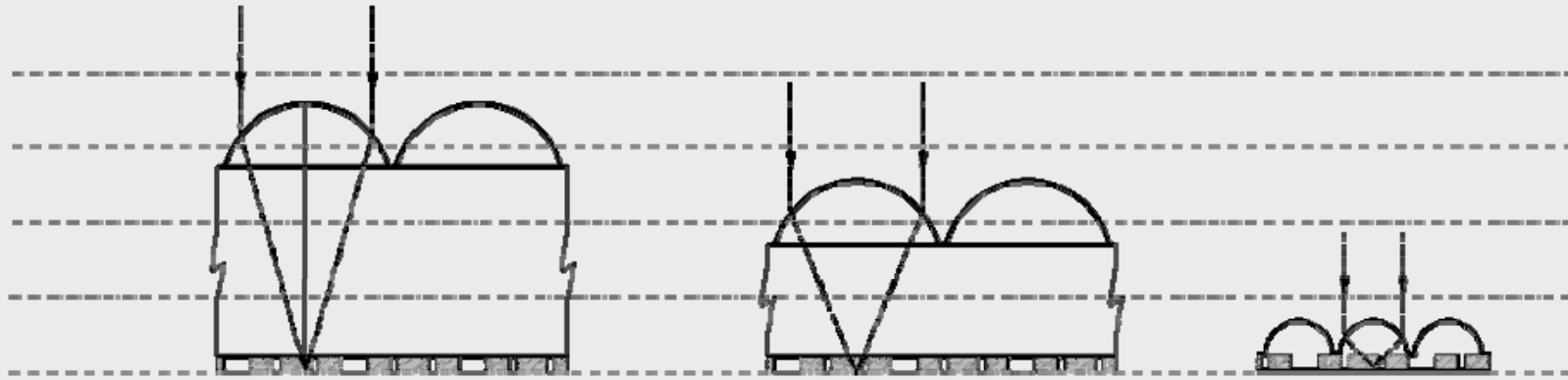


Motion[®] is a Micro-Optic System





Open Lens Structures & Applications



*THICK PAPER
LAMINATE*

*CONVENTIONAL
MOTION™*

*THIN PAPER
LAMINATE*

Embedded Lens Structures & Applications



*THICK CARD
LAMINATE*

*INTERMEDIATE
CARD
LAMINATE*

*PC INLAY &
THIN CARD
LAMINATE*

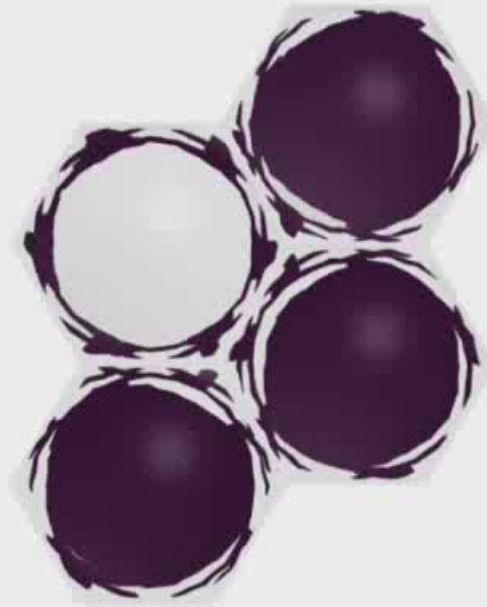
Image Projectors

The observer sees most of the lens as “colored” or “uncolored”



Multiple Image Projectors

Thousands of Lenses are used to create one image



Card Laminate



Polycarbonate Feature





Visit Our Booth, Level 5

CRANE MICRO-OPTIC SOLUTIONS

Sample in Delegate Bag Pocket Folder

Visit us Level 5

Scott Palm

President

Scott.palm@craneoptics.com

770-377-5726