

The background features a dark blue gradient with faint, white circular patterns and a scale. The scale is a large arc on the left side, with numbers ranging from 150 to 260 in increments of 10. There are also several smaller circular diagrams with arrows, some solid and some dashed, scattered across the background.

THE BLEACHING COMMITTEE PREDICTS THE FUTURE... IN 1989

PAPTAC Bleaching Committee Spring 2020 Meeting

JANUARY 1989

- 75th Anniversary of the Meeting of the Technical Section of the Canadian Pulp & Paper Association (CPPA)
- Special meeting of the Bleaching Committee at the CPPA Annual Meeting in Montreal
- Participants were asked to fill out the following form...

CPPA BLEACHING TECHNOLOGY AND DEVELOPMENT COMMITTEE

SPECIAL MEETING OF JANUARY 30TH 1989

TO COMMEMORATE THE 75TH ANNUAL

MEETING OF THE TECHNICAL SECTION

**Q. IN YOUR VIEW, WHICH WILL BE THE KRAFT PULP (SW)
BLEACHING SEQUENCE THAT WILL BE PREDOMINANT IN THE
YEAR 2010?**

Forms were collected by Don Breen (chairman in 1989) and kept sealed until
May 2010

THE RESULTS?

- Predicting the future is fun but risky
- Some people did very well...

Q. IN YOUR VIEW, WHICH WILL BE THE KRAFT PULP (SW)
BLEACHING SEQUENCE THAT WILL BE PREDOMINANT IN THE
YEAR 2010?

A. ODOD

NAME: Doug Reeve

Q. IN YOUR VIEW, WHICH WILL BE THE KRAFT PULP (SW)
BLEACHING SEQUENCE THAT WILL BE PREDOMINANT IN THE
YEAR 2010?

A. _____ ODEoDP _____

NAME: _____ Don Breen _____

Q. IN YOUR VIEW, WHICH WILL BE THE KRAFT PULP (SW)
BLEACHING SEQUENCE THAT WILL BE PREDOMINANT IN THE
YEAR 2010?

A. ___ 17 Kappa + O/O DEopD _____

NAME: ___ Dave Ingram _____

THE RESULTS?

- Predicting the future is fun but risky
- Some people did very well
- But some could not foresee the end of chlorine...

Q. IN YOUR VIEW, WHICH WILL BE THE KRAFT PULP (SW) BLEACHING SEQUENCE THAT WILL BE PREDOMINANT IN THE YEAR 2010?

A. - $OD_C EoD_C EpD_C$ or shorter sequences

NAME: Howard Rapson

(I hope to be here to witness the case. I will only be 98, and I plan to emulate John Bates!)

Q. IN YOUR VIEW, WHICH WILL BE THE KRAFT PULP (SW) BLEACHING SEQUENCE THAT WILL BE PREDOMINANT IN THE YEAR 2010?

A. _____ O(DC)(Eop)(D/E/D)
PLUS HIGH RATE BUGS FOR AOX DESTRUCTION

NAME: _____ JACK HISTED

Q. IN YOUR VIEW, WHICH WILL BE THE KRAFT PULP (SW)
BLEACHING SEQUENCE THAT WILL BE PREDOMINANT IN THE
YEAR 2010?

A. (Extended Delignification) O D75/C25 EOP D P

NAME: Paul F. Earl
University of Toronto 1989

THE RESULTS?

- Predicting the future is fun but risky
- Some people did very well
- Some could not foresee the end of chlorine

- While others thought that TCF was the way of the future

Q. IN YOUR VIEW, WHICH WILL BE THE KRAFT PULP (SW)
BLEACHING SEQUENCE THAT WILL BE PREDOMINANT IN THE
YEAR 2010?

A.

0 Z O P P

NAME:

JAY LACHAPPELLE

Q. IN YOUR VIEW, WHICH ~~WILL BE THE~~ KRAFT PULP (SW)
BLEACHING SEQUENCE ~~THAT~~ WILL BE PREDOMINANT IN THE
YEAR 2010?
gaining acceptance

A. OZ E_p D

NAME: BARBARA VAN LIERCP
PFFP 0001 - PTE CLAPIRE.

THE RESULTS?

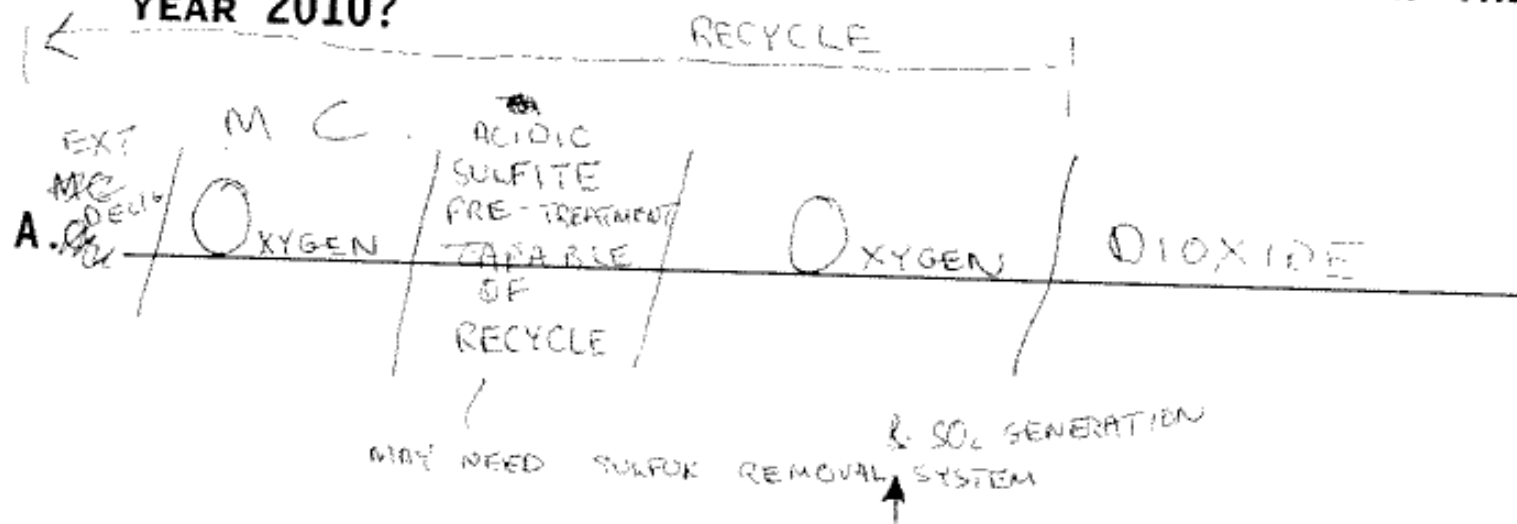
- Predicting the future is fun but risky
- Some people did very well
- Some could not foresee the end of chlorine
- While others thought that TCF was the way of the future
- Or expected a lot more from future developments...

Q. IN YOUR VIEW, WHICH WILL BE THE KRAFT PULP (SW) BLEACHING SEQUENCE THAT WILL BE PREDOMINANT IN THE YEAR 2010?

A. OBP (TO 88% BRIGHTNESS)
↑
Biological Treatment

NAME: _____ Tom Burton _____

Q. IN YOUR VIEW, WHICH WILL BE THE KRAFT PULP (SW) BLEACHING SEQUENCE THAT WILL BE PREDOMINANT IN THE YEAR 2010?



NAME: RAE CUNNINGTON

Q. IN YOUR VIEW, WHICH WILL BE THE KRAFT PULP (SW) BLEACHING SEQUENCE THAT WILL BE PREDOMINANT IN THE YEAR 2010?

A. 2010: $P_M O D c O D$
where P_M = metal complex catalyzed peroxide
2030: $P_M O L N_Z$, where L = photochemical treatment &
NZ = enzymatic brightening

NAME: Tom McDonough

THE RESULTS?

- Predicting the future is fun but risky
- Some people did very well
- Some could not foresee the end of chlorine
- While others thought that TCF was the way of the future
- Or expected a lot more from future developments

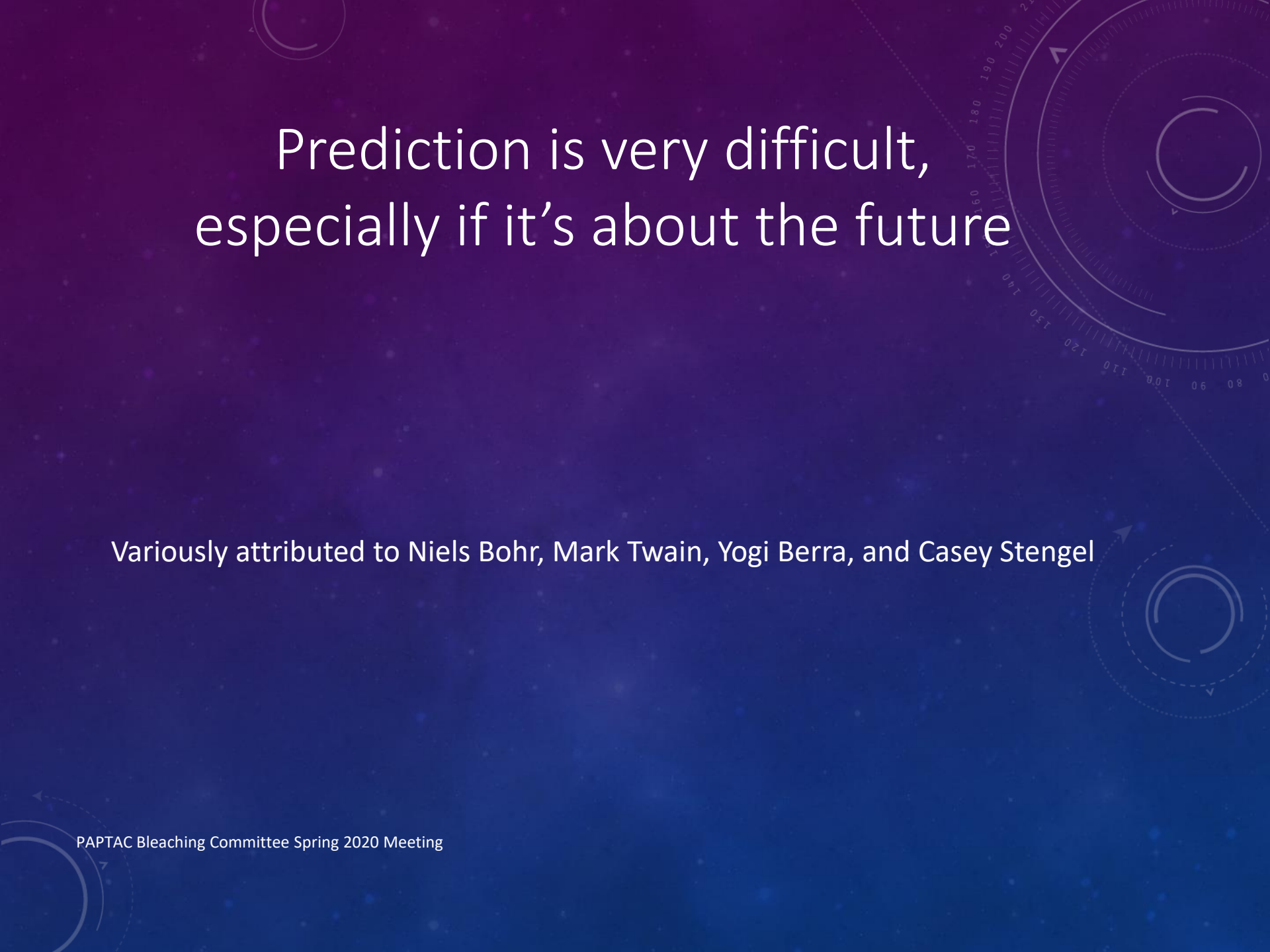
- And some just hedged their bets...

Q. IN YOUR VIEW, WHICH WILL BE THE KRAFT PULP (SW) BLEACHING SEQUENCE THAT WILL BE PREDOMINANT IN THE YEAR 2010?

A. OZEPY

OR
O $D_{(10)}$ E_{30} W E_{OP} D E_P D P_{Hi Density}

NAME: BRIAN CLIFFORD

The background features a dark blue gradient with a field of small white stars. Overlaid on this are several faint, light-colored circular patterns, including concentric circles and arcs, some resembling technical or scientific diagrams. The main text is centered in the upper half of the image.

Prediction is very difficult,
especially if it's about the future

Variously attributed to Niels Bohr, Mark Twain, Yogi Berra, and Casey Stengel