



**Heinerfest - Turnier**  
**Tournament**

Started long long ago

Life was simpler  
dull

the world ... was

● charmless

● beautiless

● colourless

⋮

● W-less

● Z-less

even topless

1964  CP Violation



# Origin ?

Electromagnetic

$\alpha$ -particles  $\frac{\alpha}{\pi} = 2.3 \times 10^{-3}$

Chimerons

Mirror particles

Long-range  
cosmic force

PRD 26  
(1983) 476,  
495

Superweak

U.S.-W.





*Nobel Prize*  
*1980*

*Cronin and Fitch*  
*have shown that the*  
*laws of Nature are* **WRONG**



## Message from Prof. Bruce Winstein U. Chicago

Dear Heiner

I am sorry I could not be at the party in honor of your retirement. You know I'm trying to get established in a new field now. Anyway, I did manage to arrange for the first release of the MAP data to happen on this very day.

I'm envious that you have made seminal contributions in multiple areas of particle physics. Your kaon collaboration was a wonderful experience for young people to learn the trade, contribute to a very important measurement, and grow to be leaders in their own right. You might be interested in cosmology, which Jack will affirm has the feel -in excitement, importance, and vitality- that particle physics had in 50s. You might even consider taking a sabbatical with us?

I understand you will be assuming a position in Ferrara. A wonderful location! I made friends here on my last visit so I'll likely return. We won't talk about epsilon

prime just yet ( but why DID you take so long to use two beams?). I can say that the the competition made the pursuit all that more rich and enjoyable. And that, when one stands back, this work set a very high bar.

I remember spending a lovely evening with you and Margot in your Geneva home, and I still often play the wonderful recording of the Mozart Divertimento you gave me then, my first CD.

Have a great next phase to your carrier

Best regards

Bruce Winstein







$$Re(\epsilon'/\epsilon) = (14.7 \pm 2.2) \times 10^{-4}$$



Sieg für

**CERN**

Heinerfest-Pokal to

Heinrich Wahl

machte meine Träume wahr