

DISCUSSION SESSION

GIAN'S MOTTO OF THIS WORKSHOP (THURSDAY):

**NEUTRAL NATURALNESS: IS IT THE LAST DESPERATE
ATTEMPT TO SAVE THE „COMMON SENSE“?**

A PREMATURE WORRY? A HANDFUL OF NEW
COLORED PARTICLES WILL BE DISCOVERED NEXT
SUMMER?

A REAL DISASTER...

ON A MORE SERIOUS TONE - FOR VARIOUS REASONS
LIGHT COLORED PARTICLES CAN STILL BE HIDDEN AND
MISSED SO FAR

SEE E.G. CSABA'S TALK

BUT LET'S ASSUME THERE IS NO SUCH A
DISASTER

AFTER 3 DAYS OF TALKS, I HAVE NO DOUBT:

WE HAVE FINALLY GOT THERE!

THE TWIN HIGGS IS THE TOE!!!

Z. CHACKO, H.-S. GOH & R. HARNIK (2005) SHOULD SAY:
BETTER LATE THAN NEVER...

HOW NATURAL IS NEUTRAL NATURALNESS?

(SOURCES OF FT IN FOLDED SUPERSYMMETRY AND
TWIN HIGGS)

DO COMPOSITE HIGGS COMPLETIONS OF THE TWIN HIGGS
REQUIRE COLOR STATES AND Z' AT ALL?

SUPERSYMMETRIC VERSUS NON-SUPERSYMMETRIC

UV COMPLETIONS OF THE TWIN HIGGS

(DIFFERENCES, BENEFITS?)

WILL THE 100 TEV COLLIDER REALLY TEST NEUTRAL
NATURALNESS?

(A QUESTION ALREADY ASKED BY ADAM BUT,
AS RONI SAYS IT,
IT SHOULD BE ASKED EVERY DAY...)

ENLARGING THE SYMMETRY BUT NOT NECESSARILY

INSISTING ON THE LARGE MASS GAPS BETWEEN COLORED

AND UNCOLORED STATES— MORE NATURAL? WHY?

WHAT ARE THE NON-FLAT SPACES ON WHICH ONE CAN
IMPOSE SCHERK-SCHWARZ UV COMPLETIONS FOR
FOLDED SUPERSYMMETRY?

HAPPY NEW YEAR 2100



The Twins are born!
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Vivat Academia!