

## **Application of the matrix element method to Higgs boson pair production in the channel $HH \rightarrow b\bar{b}WW^*$ at the LHC**

**Ehataht, Karl**; Veelken, Christian Nuclear Instruments and Methods in Physics Research Section A: Accelerators, Spectrometers, Detectors and Associated Equipment 2022 / art. 166373, 14 p. : ill <https://doi.org/10.1016/j.nima.2022.166373>

## **Aspects of Higgs boson physics : vacuum stability, Yukawa couplings and $SO(10)$ unification = Higgsi bosoni füüsika aspektid : vaakumi stabiilsus, Yukawa interaktsioonid ja $SO(10)$ ühendteooriad**

**Ouyang, Ruiwen** 2023 <https://doi.org/10.23658/taltech.39/2023> <https://digikogu.taltech.ee/et/Item/3574ebed-b8a5-4bc1-98b9-b10176a139a5>  
[https://www.ester.ee/record=b5571980\\*est](https://www.ester.ee/record=b5571980*est)

## **'Dynamical' representation of the Poincare algebra for higher-spin fields in interaction with plane waves**

Saar, R.; **Loide, Rein-Karl**; Ots, I.; Tammelo, R. Journal of physics A : mathematical and general 1999 / p. 2499-2508

## **Elementaarosakeste füüsika Eestis : teooriast infotehnoloogiani**

Hektor, Andi; Kannike, Kristjan; Raidal, Martti Teadusmõte Eestis : täppisteadused : [artiklikogumik] 2006 / lk. 39-45 : ill  
[https://www.ester.ee/record=b2230239\\*est](https://www.ester.ee/record=b2230239*est)

## **Kuidas Eesti õpilased CERNis müüoneid püüdmaks käisid**

Pärm, Rein postimees.ee 2024 [Kuidas Eesti õpilased CERNis müüoneid püüdmaks käisid](https://www.ester.ee/record=b2230239*est)

## **Multiple point criticality principle and Coleman-Weinberg inflation**

Racioppi, Antonio; **Rajasalu, Jürgen**; **Selke, Kaspar** Journal of high energy physics 2022 / art. 107, 26 p. : ill  
[https://doi.org/10.1007/JHEP06\(2022\)107](https://doi.org/10.1007/JHEP06(2022)107) [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

## **On currents and symmetries associated with Mal'tsev algebras**

Lõhmus, Jaak; **Paal, Eugen**; Sorgsepp, Leo 1989 [https://www.ester.ee/record=b1209537\\*est](https://www.ester.ee/record=b1209537*est)

## **Slow-roll inflation in Palatini $F(R)$ gravity**

**Dioguardi, Christian**; Racioppi, Antonio; Tomberg, Eemeli Journal of high energy physics 2022 / art. 106, 20 p. : ill  
[https://doi.org/10.1007/JHEP06\(2022\)106](https://doi.org/10.1007/JHEP06(2022)106) [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

## **Stitching Monte Carlo samples**

**Ehataht, Karl**; Veelken, Christian The European Physical Journal C 2022 / art. 484, 16 p. : ill <https://doi.org/10.1140/epjc/s10052-022-10407-9>

**Teaduses ei ole absoluutset tõde, on vaid eksperimentaalset kinnitust leidnud tõepärasus : keemilise ja bioloogilise füüsika instituudi ja CERNi teadurid Andi Hektor ja Kristjan Kannike kommenteerivad Tiit Kändleri arvustuses toodud väiteid**

**Strandberg, Marek**; Kändler, Tiit; Hektor, Andi; Kannike, Kristjan Sirp 2013 / lk. 24-25 : fot [https://artiklid.elnet.ee/record=b2620205\\*est](https://artiklid.elnet.ee/record=b2620205*est)

## **Vacuum stability with radiative Yukawa couplings**

Gabrielli, Emidio; Marzola, Luca; Müürsepp, Kristjan; **Ouyang, Ruiwen** Journal of high energy physics 2022 / art. 142, 27 p. : ill  
[https://doi.org/10.1007/JHEP01\(2022\)142](https://doi.org/10.1007/JHEP01(2022)142)

## **Yukawa coupling unification in non-supersymmetric $SO(10)$ models with an intermediate scale**

Djouadi, Abdelhak; **Ouyang, Ruiwen**; Raidal, Martti Physics Letters B 2022 / art. 136788, 7 p. : ill  
<https://doi.org/10.1016/j.physletb.2021.136788>

## **К методике изложения темы "элементарные частицы" в курсе физики технического вуза**

**Loide, Rein-Karl**; **Suurvarik, Pavel** Методические материалы X Зонального совещания заведующих кафедрами и ведущих преподавателей по физике вузов Белоруссии, Латвии, Литвы, Эстонии и Калининградской области РСФСР, 13-15 сентября 1989 г. 1990 / с. 55

## **О некоторых общих вопросах физики элементарных частиц в их диалектико-материалистическом истолковании**

**Tšerkassova, Elviira** Философские вопросы естествознания 1968 / с. 3-27 [https://www.ester.ee/record=b1352816\\*est](https://www.ester.ee/record=b1352816*est)  
<https://digikogu.taltech.ee/et/Item/0fb7397c-7e04-458f-981f-a3ea8d99ee8a>