

October 16, 2018

Maria T. Shields
Chief Financial Officer
ANSYS Inc.
2600 ANSYS Drive
Canonsburg, PA 15317

Re: ANSYS Inc.
Form 10-K for the Fiscal Year Ended December 31, 2017
Filed February 22, 2018
Form 10-Q for the Quarterly Period Ended March 31, 2018
Filed May 3, 2018
File No. 000-20853

Dear Ms. Shields:

We have completed our review of your filings. We remind you that the company and its management are responsible for the accuracy and adequacy of their disclosures, notwithstanding any review, comments, action or absence of action by the staff

Sincerely,

/s/ Kathleen Collins

Division of

Office of Information

and Services

Corporation Finance
Technologies