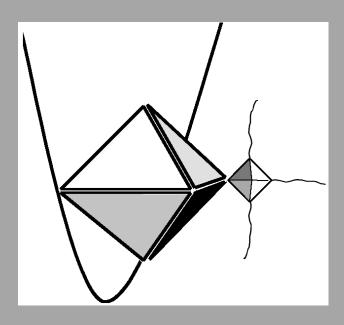
9th International Workshop on Spinel Nitrides & Related Materials

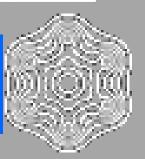


Rüdesheim/Rhine, Germany

September 02 - 07, 2018

Financial Support:

Fonds der Chemischen Industrie

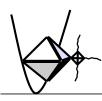












Location: Jagdschloss Niederwald





Build in 1764 as a hunting castle by Earl of Ostein.

Later, the castle was owned by the Prussian.

The castle was destroyed by a fire in 1926 and was reconstructed in 1929 as a hotel.



During the Second World War:

Used as military hospital and as recreation center for US soldiers.

From 1948: Konrad Adenauer and the Heads of 11 German states came together in the Green Saloon to work out a new German constitution.

Present: The castle belongs to the State of Hesse





Frücht Nassau Seelbach Biebrich Wasenbach Hevingen Schwickershausen Neuweilnau A48 Kerben Winningen Lay Kaltenholzhausen Kirberg Bad Camberg Riedelbach Kaan Lonnig Dieblich Lahnstein Dienethal Attenhausen Niederlahnstein Oberwies Kördorf Burgschwalbach Beuerbach Steinfischbach Mauloff Niederfell Einig Rüber Lehmen Waldesch Brey Marksburg Singhofen Roth Berghausen Ketternschwalbach Walsdorf Seelenberg Kollig Moselsürsch Oberfell Niederspay Kehlbach Hunzel Pohl Dörsdorf Daisbach Wallbach Esch Niedere «Kollig Moselsürsch» (Oberfell) Dörsdorf Dalsbach Wallbach Esch Niebereifenberg Münstermaifeld Kattenes Osterspai Niederbachheim Hunzel Pohl Esch Niederems Osterspai Niederbachheim Obertiefenbach Reckenroth Michelbach Hünstetten Idstein Glashütten Pillig Hatzenport Binningen Burgen Buchholz Lykershausen Dahlheim Oelsberg Buch Hohenstein Hunstetten Idstein Glashütten Hohenstein Hunstetten Idstein Glashütten Hohenstein Hohenstein Hunstetten Idstein Glashütten Hohenstein Glashütten Berich Berich Berich Berich Glashütten Bogel Hohenstein Hohenstein Hunstetten Idstein Glashütten Hohenstein Hunstetten Idstein Glashütten Glashütten Hohenstein Hunstetten Idstein Glashütten Hohenstein Hohenstein Hohenstein Glashütten Hohenstein Hohenstein Hohenstein Glashütten Hohenstein Hohenstein Glashütten Hohenstein Hohenstein Glashütten Statten Steckenroth Eschenhahn Lenznahn chinical Langschied Lindschied Wingsbach Engenhahn Eppenhain Steckenroth Eschenhahn Lenzhahn Ehlhalten Halsenbach Hirzenach Nochern Auel Diethardt Zorn Rheinbay Niedernhausen Fischbach Dommershausen Basselscheid Holzfeld Reitzent sin Weidenbach Nauroth Heimbach Born Hahn Wehen Sevenich Hungenroth Urbar Loreley Hilgenroth Bad Schwalbach Taunusstein Naurod Eppstein Utzenhain

Weissi Espenschiëd Langenseifen Seitzenhahn Rambach

Badenhard Oberwesel Espenschiëd Langenseifen Seitzenhahn Rambach

Badenhard Sauerthal Niedergladbach Bärstadt Schlangenbad Langenhain

Ransel Ransel Pfalzfeld \ Zilshausen Frankweiler Mörsdorf Beltheim Hausbay Sosberg Buch Roth Dudenroth Wiebelsheim Langscheid Kaub Hausen vor Wiesbaden Nordenstadt Wallau

Mastershausen Gammelshausen Laudert A61 Perscheid Lorch Presberg Martinsthal Hesweiler H U N S R Ü C K Kisselbach Breitscheid Rheingaukreis Presberg Martinsthal K Kisselbach Breitscheid Rheingaukreis Presberg Martinstnai Schlerstein Delkenheim Weilbach Steinbach Erbach Niederheimbach Stephanshausen Hallgarten Eltville Budenheim am Main Flörsheim Volkenroth

Steinbach Erbach Niederneimbach

Rheinböllen

Kappel Reich Külz Wahlbach Dichtelbach Assmannshausen

Kludenbach R H E I N D A N D - P E A L V

Metzenhausen Unzenberg Niedern Holzbach Riesweiler Dörrebach

Nieder Kostenz Rödern Holzbach Riesweiler Dörrebach

Nieder Kostenz Rödern Holzbach Sargenroth

Sargenroth

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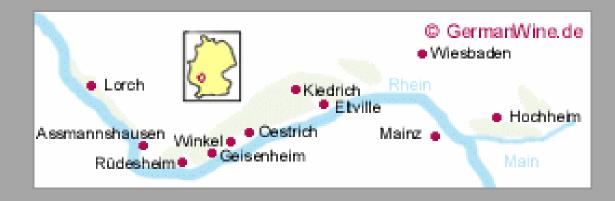
Seinbach Riesweiler Dörrebach Waldalgesheim Appenheim Essenheim Bodenheim Aster Schersheim Appenheim Essenheim Nieder Schersheim Nieder Schersheim Appenheim Essenheim Nieder Schersheim Nieder °Tellig Ginsheim Niedersohren Kirchberg Sargenroth Waldalgesheim Ockenheim Appenheim

Dill Womrath Spabrücken Spabrücken Spabrücken Königstädten 🚊 🔪 Astheim Dromersheim Bubenheim Nieder Ebersheim Trebur Niederweiler Womrath Spabrücken Laubenheim Ober Hilbersheim Olm Nieder Ebersheim Nieder Ebersheim Nieder Engelstadt Jugenheim Harxheim Lörzweik Rohrbach Gehlweiler Argenschwang Gutenberg Biebelsheim Johann Wolfsheim Udenheim Schliersbach Horrweiler Engelstadt Jugenheim Harxheim Lörzweiler Hessenaue Schlierschied Henau
Weitersbach Königsau Daubach Sponheim Hargesheim Bad Sprendlingen Gau Weinheim Schornsheim
Bundenbach Seesbach Auen Burgsponheim Weinsheim Badenheim Gaubickelheim Gabsheim Friesenh Traisen Volxheim Wöllstein Wörrstadt Gabsheim Friesenheim Wickenrodt Hennweiler Horbach Waldböckelheim

Griebelschied Kirn Schloßböckelheim Siefersheim Armsheim Biebelnheim
Flonheim Gau Odernheim Fret Laubersheim Nußbaum Schloßböckelheim Mörschied Herrstein Bergen 7° 30' Neu-Bamberg Flonheim Neu-Bamberg Flonheim 9 1988-2000 Microsoft und/oder deren Lieferanten. Alle Rechte vorbehalten. Gau Odernheim

The Rheingau Area

Location

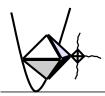


Attractions: Castles, Cloisters, Wine Yards

Grapes: Riesling, Spätburgunder (Pinot Noir)

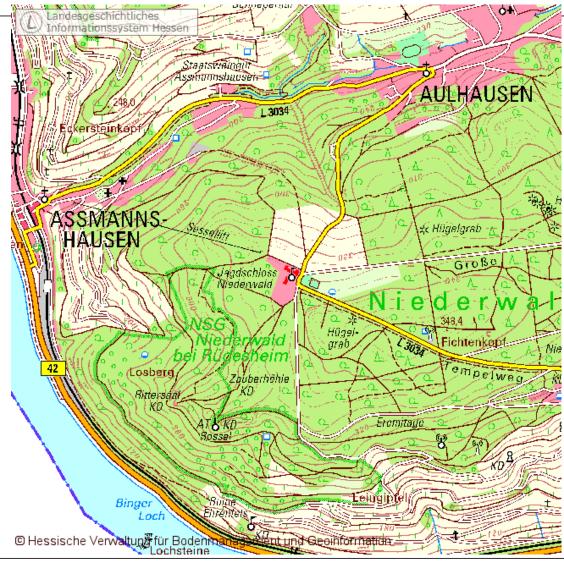






Location





Rüdesheim/Rhine



Binger Loch: Natural barrier in the Rhine river, difficult to pass with big ships.

Founded: 1090

Location: Mittelrhein, in front of the

"Binger Loch"

Function: Control of merchandise

traffic

Today: Wine growing, tourism

(Drosselgasse)





Castle Johannisberg (after 1716)



Originally: Benedictine Cloister founded in 1100 a. C.

1813-1815: Supervised by Prussia, Russia and Austria

1816: Donated to Fürst von Metternich for his merits related to the

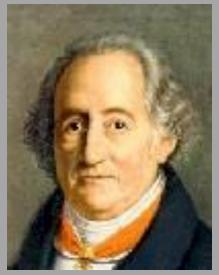
Vienna Congress

Under the Condition: 1/10 of the income has to be paid to the Austrian Emperor or its legal successor.





The Brentano-House (1751)



Johann Wolfgang von Goethe (1749-1832)

Since 1804: Aristocratic Brentano Family from Frankfurt.

Meeting Point of Friends from Science and Arts.



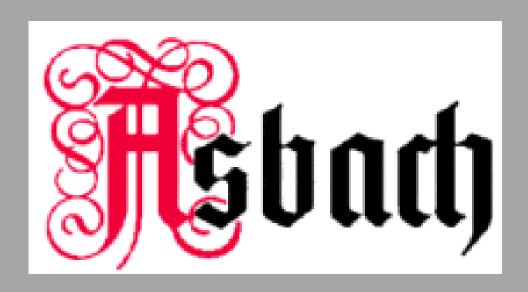
Clemens Brentano (1778-1842), Representative of the Romantic Movement;

1806-08: Edition of "Des Knaben Wunderhorn", a Collection of German Folk & Art Songs (composed by Gustav Mahler)





French Cognac Versus German Weinbrand:



According to the Contract of Versaille: The Name Cognac was Restricted to French Products.

1907: Weinbrand was filed as a Trade Name for "German Cognac"





Cloister Eberbach



1631: Conquered by the Swedes; Loss of Arts, Furniture & Library

1116: Augustinian Cloister

1131: Benedictine Cloister

1136: Cistercian Cloister

Main Income: Wine Growing





Location of the Movie: The Name of the Rose (Umberto Ecco)





Castle Reichartshausen ---- Part of Cloister Eberbach



Copy of the Entrance Hall of the King's Palace of Mandalay, today Republic of Myanmar (Burma) as a donation of the government of Myanmar to the owner of the castle (1971)



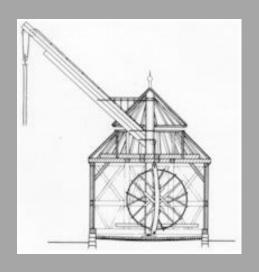
Originally: Used as Cloister Yard

- Main Wine Cellar of Cloister Eberbach
- Main Place of Wine Transshipment
- Since 1971: European Business School





The Oestrich Crane (1745)



Embarking of Wine Barrels



Foundations were built from residual stones from the Castle of Mainz

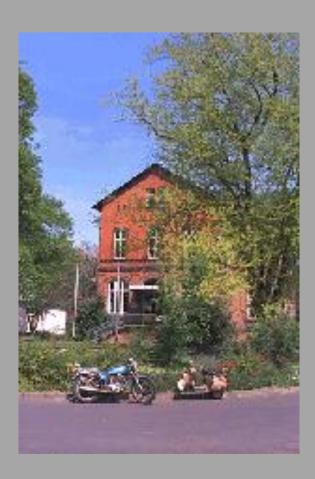






Research Institute in Geisenheim





Research Areas:

- Wine Growing
- Fruit Growing
- Gardening





Monument Niederwald (1883) / Johannes Schilling, Dresden





Remembrance to: a) German/French War 1870/1871

b) Foundation of the German Reich under Emperor Wilhem I. and Chancellor Bismarck





The Loreley Rock and Loreley Saga



Saga: Clemens Brentano (1801) Heinrich Heine (1824)



Rock type: slate



Lure = Elf or Fairy Lei = Rock





Heinrich Heine: Das Loreleylied (1824)

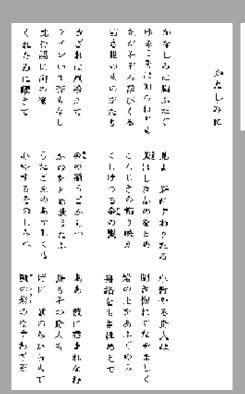
Ich weiß nicht was soll es bedeuten
Daß ich so traurig bin;
Ein Märchen aus alten Zeiten,
Das kommt mir nicht aus dem Sinn.

Heinrich <u>Heine</u>



Composed by Friedrich Silcher:









Shôzô Inoue Kanashima Ni





Hildegard of Bingen (1098-1179)

Patron Saint of Natural Scientists



- * 1098 in Bermersheim / Rheingau
- + 17. September 1179 Rupertsberg near Bingen One of the first mineralogists and physicians in medieval times of western Europe
 - > born to a noble family as the tenth child she was always ill
 - > at age of 7 educated by Benedictine nuns
 - > at age of 43 she became abbess

- ➤ Between 1147 and 1150 foundation of monastary Rupertsberg near Bingen
- ➤ 1156 she lived on the branch monastary in Eibingen near Rüdesheim where she died with 81 years





DARMSTADT





- Historians know Hildegard for her correspondence with bishops, popes, abbots, and kings;
- mystics for her book of visions;
- medical historians and botanists for her two books on natural history and medicine;
- literary scholars for her morality play, the Ordo Virtutum.
- Musicians for her antiphons, hymns, and sequences, a large body of monophonic chants.
- In her book "Physica" she summarized the knowledge about the formation and magical powers of stones and combined this knowledge with nutrient scientific considerations to her unique monastery medicine.











Hildegard of Bingen about the Amethyst:

"But if a human suffers from specks in his face he shall moisturise the amethyst with his saliva and thereafter sweep with the stone over the specks on the skin. Furthermore he shall heat water over fire and place the amethyst over this water, so that

The perspiration of the stone can be mixed with the water underneath. Afterwards he should pose the stone into the water and wash his face with this water. He should repeat this several times thereupon his skin will be beautiful...."

The diamond helps against: "cobwebs and snake-venom, against falling sickness and somnambulism. It protects the houses against burglar and lends its bearer efficiency, reason and wisdom in the speech."







